

For any questions or clarification, please contact me.

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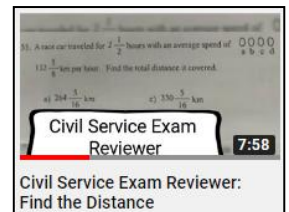
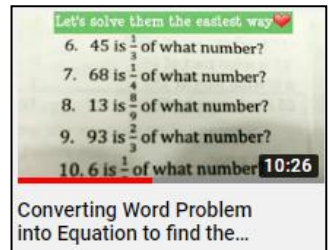
YOUTUBE link: <https://www.youtube.com/c/MsLeonalynTayone>

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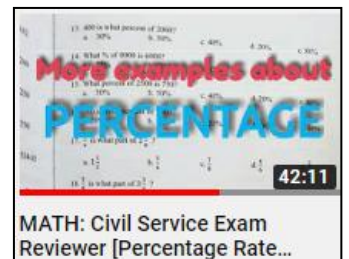
All of these are taken from various online reviewers, books shared by members, and previous CSE exams (shared by those who took the exam), and some are originally created.... while I provided the detailed solutions with videos.

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Questions	Answers
<p>1.) 45 is $\frac{1}{3}$ of what number?</p> <p>2.) 68 is $\frac{1}{4}$ of what number?</p> <p>3.) 13 is $\frac{8}{9}$ of what number?</p> <p>4.) 93 is $\frac{2}{3}$ of what number?</p> <p>5.) 6 is $\frac{1}{8}$ of what number?</p>	<p>Note: is \rightarrow "=" equals of \rightarrow "x" multiplication Let N be that number</p> <p>1.) $45 = \frac{1}{3} \times N$</p> <p>$45 \div \frac{1}{3} = 45 \times 3 = 135$ Ans</p> <p>2.) $68 = \frac{1}{4} \times N$ $68 \times 4 = 272$ Ans</p> <p>3.) $13 = \frac{8}{9} \times N$ $13 \times 9 \div 8 = 14.625$ or $14 \frac{5}{8}$ Ans</p> <p>4.) $93 = \frac{2}{3} \times N$ $93 \times 3 \div 2 = 139.5$</p> <p>5.) $6 = \frac{1}{8} \times N$ $6 \times 8 = 48$ Ans</p> <p>For detailed solutions with 2ways of solving this, watch this on youtube: https://youtu.be/EcZBaWYlkd4 or search on youtube: "Converting Word Problem into Equation Leonalyn"</p>
<p>6.) A race car travelled for $2 \frac{1}{2}$ hours with an average speed of $132 \frac{5}{8}$ km per hour. Find the total distance it covered.</p> <p>a. 264 $\frac{5}{16}$ km</p> <p>b. 331 $\frac{9}{16}$ km</p> <p>c. 330 $\frac{5}{16}$ km</p> <p>d. 135 $\frac{1}{8}$ km</p>	<p>6.) $132 \frac{5}{8} \times 2 \frac{1}{2} =$ $1061 \frac{5}{8} \times 5 \frac{2}{2} = 5305 \frac{5}{16}$ 331 $\frac{9}{16}$ Ans</p> <p>For detailed solutions with 2ways of solving this, watch this on youtube: https://youtu.be/wlj0ChbpbT4 or search on youtube: "Find the Distance Leonalyn"</p>

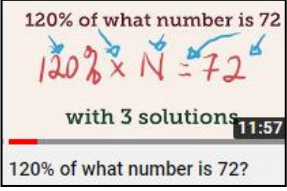
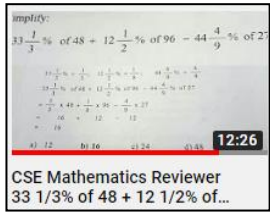
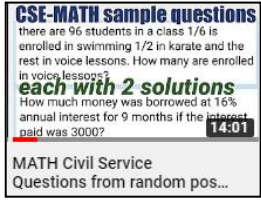
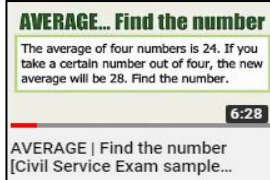



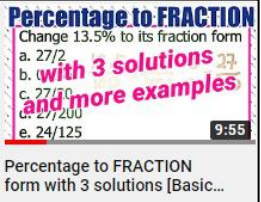
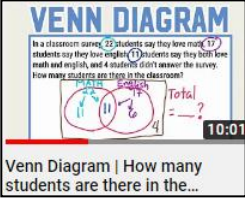
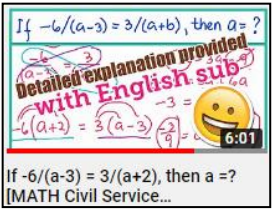
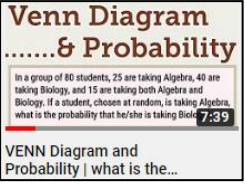
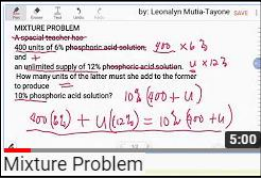
Questions	Answers
7.) 400 is what percent of 2000? a. 30% b. 50% c. 40% d. 20% e. 80%	7.) $400 = N \times 2000$ $400/2000 = 4/20 = 1/5 = 20\% \leftarrow \text{Ans}$
8.) What % of 8000 is 6000? a. 75% b. 60% c. 85% d. 65% e. 70%	8.) $N \times 8000 = 6000$ $N = 6000/8000 = 6/8 = 3/4 = 75\% \leftarrow \text{Ans}$
9.) What percent of 2500 is 750? a. 30% b. 50% c. 40% d. 20% e. 80%	9.) $N \times 2500 = 750$ $N = 750/2500 = 75/250 = 3/10 = 30\% \leftarrow \text{Ans}$
10.) 780 is what percent of 7800? a. 20% b. 10% c. 20% d. 26% e. 16%	10.) $780 = N \times 7800$ $780/7800 = 0.1 \times 100\% = 10\% \leftarrow \text{Ans}$
11.) $3/4$ is what part of $1\frac{1}{8}$? a. $1\frac{1}{2}$ b. $5/6$ c. $7/8$ d. $4/6$ e. $2/3$	11.) $3/4$ is what part of $1\frac{1}{8}$? $3/4 = N \times 9/8$ $3/4 \times 8/9 = 24/36 = 2/3 \leftarrow \text{Ans}$
12.) $5/8$ is what part of $3\frac{3}{4}$? a. $1/6$ b. $2/12$ c. $4/24$ d. $1/8$ e. $5/6$	12.) $5/8 = N \times 3\frac{3}{4} \leftarrow$ change to improper fraction $15/4$ $5/8 \times 4/15 = 1/2 \times 1/3 = 1/6 \leftarrow \text{Ans}$
13.) 30% of what number is 900? a. 270 b. 3000 c. 2700 d. 1800 e. 450	13.) $30\% \times N = 900$ $N = 900 \div 0.3 = 3000 \leftarrow \text{Ans}$
14.) 850 is 40% of what number? a. 340 b. 6800 c. 5600 d. 2125 e. 212.5	14.) $850 = 40\% \times N$ $850/0.4 = 2125 \leftarrow \text{Ans}$
15.) 25% of what number is 600? a. 15,000 b. 25 c. 1200 d. 120 e. 2400	15.) $25\% \times N = 600$ $N = 600/0.25 = 2400 \leftarrow \text{Ans}$
16.) 300 is 75% of what number? a. 400 b. 700 c. 900 d. 1500 e. 2500	16.) $300 = 75\% \times N$ $300/0.75 = 400 \leftarrow \text{Ans}$
17.) $1\frac{1}{4}$ is $3/4$ of what number? a. $2/3$ b. $20/12$ c. $1\frac{2}{3}$ d. $1\frac{4}{6}$ e. $1\frac{8}{12}$	17.) $1\frac{1}{4} = 3/4 \times N$ $5/4 \times 4/3 = 5/3 = 1\frac{2}{3} \leftarrow \text{Ans}$
18.) $1\frac{1}{5}$ of what number is $1\frac{3}{8}$? a. $1\frac{7}{48}$ b. $55/48$ c. $1\frac{13}{20}$ d. $48/55$ e. $11/24$	18.) $1\frac{1}{5} \times N = 1\frac{3}{8}$? $N = 11/8 \times 5/6 = 55/48 = 1\frac{7}{48} \leftarrow \text{Ans}$
19.) $1/4$ of what number is $2\frac{1}{6}$? a. $52/6$ b. $8\frac{2}{3}$ c. $6/52$ d. $8\frac{4}{6}$ e. $9\frac{1}{2}$	19.) $1/4 \times N = 2\frac{1}{6}$ $N = 13/6 \times 4$ $N = 13/3 \times 2$ $N = 26/3 = 8\frac{2}{3} \leftarrow \text{Ans}$



Watch this for detailed solutions:
<https://youtu.be/ki5pc3t5eSk>
 or search on youtube: "Percentage Leonalyn"

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Questions	Answers
<p>20.) 120% of what number is 72?</p>	<p>20.) 120% of what number is 72? $1.2 \times N = 72$ $N = 72 \div 1.2$ $N = 60$ Ans</p> <p>Watch this for detailed solutions: https://youtu.be/nfnYJLqKZfo or search on youtube: "120% of what number Leonalyn"</p> 
<p>21.) Simplify $33\frac{1}{3}\%$ of 48 + $12\frac{1}{2}\%$ of 96 - $44\frac{4}{9}\%$ of 27</p> <p>a. 400 b. 700 c. 900 d. 1500 e. 2500</p>	<p>21.) Simplify $33\frac{1}{3}\% \times 48 + 12\frac{1}{2}\% \times 96 - 44\frac{4}{9}\% \times 27 =$ $\frac{1}{3} \times 48 + \frac{1}{8} \times 96 - \frac{4}{6} \times 27 =$ $= 16 + 12 - 12 = 16$ Ans</p> <p>Watch this for detailed solutions: https://youtu.be/0qGQkkHAoXk or search on youtube: "33 1/3% of 48 Leonalyn"</p> 
<p>22.) There are 96 students in a class 1/6 is enrolled in swimming 1/2 in karate and the rest in voice lessons. How many are enrolled in voice lessons?</p> <p>23.) How much money was borrowed at 16% annual interest for 9 months if the interest paid was 3000?</p>	<p>22) $1 - (1/6 + 1/2) = 1/3$ of 96 = 32 Ans</p> <p>23.) $P = I/rt$ $P = 3000 / (.16)(9/12)$ $P = 3000 / (.16)(.75)$ $P = 3000 / .12$ $P = 25\ 000$ Ans</p> <p>Watch this for detailed solutions: https://youtu.be/bwQlwipVYe8 or search on youtube: "Interest problems Leonalyn"</p> 
<p>24.) The average of four numbers is 24. If you take a certain number out of four, the new average will be 28. Find the number.</p>	<p>24) $24 \times 4 - 28 \times 3 = 96 - 84 = 12$ Ans</p> <p>Watch this for detailed solutions: https://youtu.be/u6ZUQ2flh3U or search on youtube: "Find the number Leonalyn"</p> 
<p>25.) In a dormitory, where 40 students live only 5% are males. 50% of females are working and rest are students, how many females are studying?</p> <p>-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>	<p>25) $100\% - 5\% = 95\%$ 95% of 40 are studying $0.95 \times 40 = 38$ Ans</p> <p>Take note: <u>In a dormitory, 40 students live</u></p> <p>Watch this for detailed solutions: https://youtu.be/cocMUSJpn4s or search on youtube: "females studying Leonalyn"</p> 

Questions	Answers
<p>26.) Change 13.5% to its fraction form</p> <p>a. 27/2 b. 0.135 c. 27/20 d. 27/200 e. 24/125</p>	<p>26.) $13.5\% = 13.5/100$ $(13.5 \times 2)/(100 \times 2)$ $= 27/200$ Ans</p>  <p>Watch this for detailed solutions: https://youtu.be/dwcAzCM3Cqs or search on youtube: “Percentage to fraction form solutions Leonalyn”</p>
<p>27.) In a classroom survey, 22 students say they love math, 17 students say they love English, 11 students say they both love math and English, and 4 students didn't answer the survey. How many students are there in the classroom?</p>	<p>27.) $11 + (22 - 11) + (17 - 11) + 4 = 32$ Ans</p>  <p>Watch this for detailed solutions: https://youtu.be/vuCoOrVL_FI or search on youtube: “Venn Diagram students Leonalyn”</p>
<p>28.) If $-6/(a-3) = 3/(a+2)$, then $a = ?$</p> <p>a. $-1/3$ b. $1/3$ c. $1/2$ d. $-1/2$ e. 3</p>	<p>28) $-6/(a-3) = 3/(a+2)$ $-6(a+2) = 3(a-3)$ $-6a-12 = 3a-9$ $9-12 = 3a+6a$ $-3 = 9a$ $-3/9 = a$ Ans $-1/3 = a$</p>  <p>Watch this for detailed solutions: https://youtu.be/vvFX3HrOlaE or search on youtube: “then a Leonalyn”</p>
<p>29.) In a group of 80 students, 25 are taking Algebra, 40 are taking Biology, and 15 are taking both Algebra and Biology. If a student, chosen at random, is taking Algebra, what is the probability that he/she is taking Biology?</p>	<p>29) $15/80 \div 25/80 = 15/25 =$ $0.6 \times 100\% = 60\%$ Ans</p>  <p>Watch this for detailed solutions: https://youtu.be/vvFX3HrOlaE or search on youtube: “Venn diagram and Probability Leonalyn”</p>
<p>30.) A special teacher has 400 units of 6% phosphoric acid solution, and an unlimited supply of 12% phosphoric acid solution. How many units of the latter must she add to the former to produce 10% phosphoric acid solution?</p> <p>A. 500 B. 600 C. 700 D. 800</p> <p>-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>	<p>30) $(400(6\%) + 12\%P) = 10\%(400 + P)$ $(24 + 0.12P) = 40 + 0.1P$ $0.12P - 0.1P = 40 - 24$ $0.02P = 16$ $P = 16/0.02$ $P = 800$ Ans</p>  <p>Watch this for detailed solutions: https://youtu.be/2igysxdOtxc or search on youtube: “Mixture Problem Leonalyn”</p>

Questions

- 31.) Put these numbers in order from least to greatest.
A. 8.75 B. 8.00 C. 8.44 D. 8.04
Choices:
a. A, C, D, B
b. A, B, D, C
c. B, D, C, A
d. D, B, C, A

- 32.) Put the following decimals in order from least to greatest. (0.4213, 0.4312, 0.4321, & 0.4132)
a. 0.4213, 0.4312, 0.4321, 0.4132
b. 0.4132, 0.4213, 0.4312, 0.4321
c. 0.4132, 0.4312, 0.4213, 0.4321
d. 0.4312, 0.4213, 0.4321, 0.4132

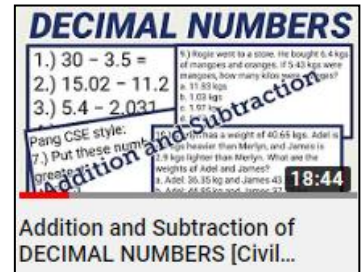
- 33.) Rogie went to a store. He bought 6.4 kgs of mangoes and oranges. If 5.43 kgs were mangoes, how many kilos were oranges?
a. 11.83 kgs
b. 1.03 kgs
c. 1.97 kgs
d. 0.97 kgs
e. 1.03 kgs

- 34.) Merlyn has a weight of 40.65 kgs. Adel is 4.3 kgs heavier than Merlyn, and James is 2.9 kgs lighter than Merlyn. What are the weights of Adel and James?
a. Adel: 36.35 kg and James 43.55 kg
b. Adel: 44.95 kg and James 37.75 kg
c. Adel: 37.75 kg and James 44.95 kg
d. Adel: 44.95 kg and James 34.50 kg
e. Adel: 45.95 kg and James 37.75 kg

Answers

- 31) c
32) b
33) d
 $6.4 - 5.43 = 0.97$ kgs ← Ans

- 34) b
Adel: $40.65 + 4.3 = 44.95$ kgs
James: $40.65 - 2.9 = 37.75$ kgs



Watch this for detailed solutions:
<https://youtu.be/xLqvpKECbWA>

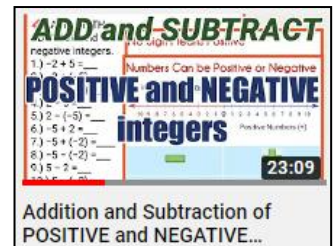
or search on youtube:
"addition and subtraction of decimal numbers Leonalyn"

ADDITION and SUBTRACTION of positive and negative integers.

- 35.) $-2 + 5 =$ ___
36.) $-2 + (-5) =$ ___
37.) $-2 - (-5) =$ ___
38.) $2 - 5 =$ ___
39.) $2 - (-5) =$ ___
40.) $-5 + 2 =$ ___
41.) $-5 + (-2) =$ ___
42.) $-5 - (-2) =$ ___
43.) $5 - 2 =$ ___
44.) $5 - (-2) =$ ___

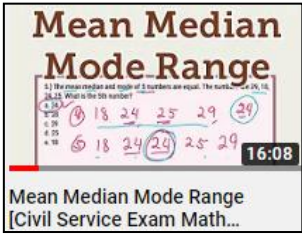
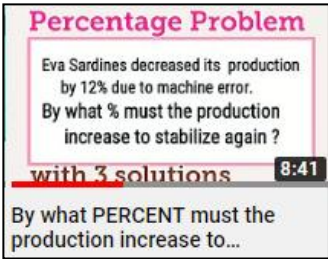
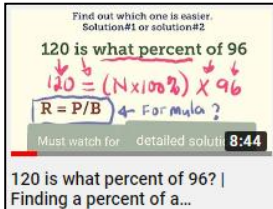


- 35.) $-2 + 5 = 3$
36.) $-2 + (-5) = -7$
37.) $-2 - (-5) = 3$
38.) $2 - 5 = -3$
39.) $2 - (-5) = 7$
40.) $-5 + 2 = -3$
41.) $-5 + (-2) = -7$
42.) $-5 - (-2) = -3$
43.) $5 - 2 = 3$
44.) $5 - (-2) = 7$

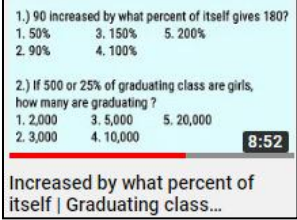
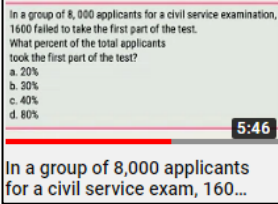
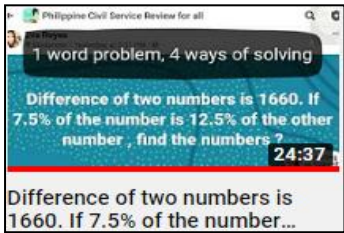

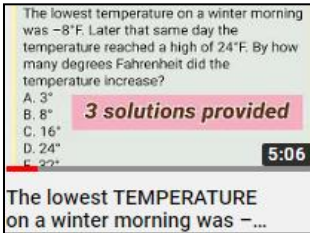



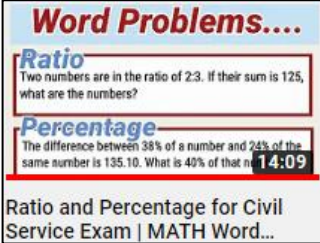
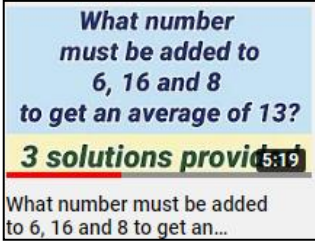
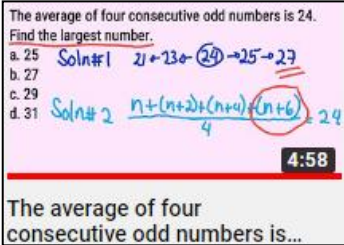
Watch this for detailed solutions:
<https://youtu.be/m-ztak3CvHs>
or search on youtube:
"positive and negative integers Leonalyn"

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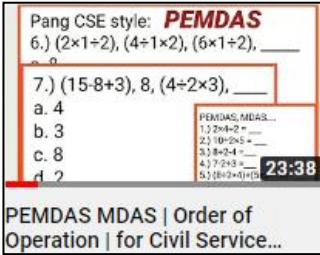
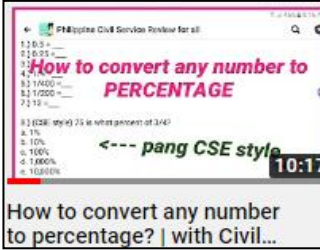
Questions	Answers
<p>45.) The mean median and mode of 9 numbers are equal. The numbers are 12, 22, 10, 15, 14, 11, 19, 17. What is the 9th number?</p> <p>a. 14 b. 12 c. 15 d. 18 e. 11</p> <p>46.) The mean median and mode of 5 numbers are equal. The numbers are 29, 18, 24, 25. What is the 5th number?</p> <p>a. 24 b. 28 c. 29 d. 25 e. 18</p>	<p>45.) First get the average of 8 numbers. $(10+11+12+14+15+17+19+22)/8$ $= 120/8 = 15$ Ans</p> <p>46.) Get the average of 4 numbers. $(18+24+25+29)/4$ $= 96/4 = 24$ Ans</p>  <p>Watch this for detailed solutions: https://youtu.be/1MkpdaqIEMA</p> <p>or search on youtube: "Mean Median Mode Range Leonalyn"</p>
<p>47.) Eva Sardines decreased its production by 12% due to machine error. By what % must the production increase to stabilize again?</p>  <p>Watch this for detailed solutions: https://youtu.be/EjQbFkYt2WE</p> <p>or search on youtube: "production increase Leonalyn"</p>	<p>ANSWER: 13.64% ✓ To be exact: 13 7/11% ✓</p> <p>Para mas maintindihan, see 2 examples below: $100\% - 12\% = 88\%$ Using 100 Therefore, we will consider 100 as the original figure of production (you can use 200, 500, 1000, etc and the answer is still the same) 88% of 100 is 88 Let N be that number na hinahanap natin na e multiply natin ng 100% para maging percentage sya later. 88 nalang natira... ilang percent ba sa 88 ang idagdag para mabalik sa 100. $88 + 88N = 100$ $88N = 100 - 88$ $N = 12/88 = 0.1364 \times 100\% = 13.64\%$ ✓</p> <p>Another example: We will use 200... 88% of 200 is 176 $176 + 176N = 200$ $176N = 200 - 176$ $N = 24/176 = 0.1364 \times 100\% = 13.64\%$ ✓</p> <p>using fraction: $88 + 88N = 100$ $88N = 100 - 88$ $N = 12/88 = 3/22 \times 100\% = 300/22\% = 13 \frac{14}{22}\%$ $13 \frac{14}{22}\% = 13 \frac{7}{11}\%$ ✓</p>
<p>48.) 120 is what percent of 96?</p> <p>-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>	<p>48.) 120 is what percent of 96? $120 = N \times 96$ $120/96 = N$ $1.25 = N$ $1.25 \times 100\% = 125\%$ Ans</p> <p>Watch this for detailed solutions: https://youtu.be/6flFivK0oWY</p> <p>or search on youtube: "Finding percent number Leonalyn"</p> 

Questions	Answers
<p>49.) The mean of 7 numbers is 63.What is the sum of the numbers?</p> <p>50.) Out of 100 numbers, sixteen were 5's, twenty-one were 7's and the rest were 8's.Find the arithmetic mean of the numbers</p> <p>51.) Thirty students in a class averaged 80% on a certain exam. Twenty one averaged 90%.What is the class average?</p> <p>52.) Find the range of the set of numbers: (7, 3,9,8,1,17)</p> <p>53.) A committee of 7 is to be selected from 8 seniors and 5 juniors. In how many ways can this be done if the committee must be composed of 4 seniors? a. $8C4 \times 5C4$ b. $8C7 \times 5C0$ c. $8C4 \times 5C3$ d. $5C4 \times 8C3$</p> <p>54.) A pair of dice is tossed. Find the probability of getting a total of 8?</p>	<p>49.) $63 \times 7 = 441$ Ans</p> <p>50.) $(16 \times 5) + (21 \times 7) + (63 \times 8)$ $(80 + 147 + 504) = 731 / 100 = 7.31$ Ans</p> <p>51.) $30 \times 80\% + 21 \times 90\%$ $2400 + 1890 / 51 = 84.1\%$ Ans</p> <p>52.) Highest – lowest = $17 - 1 = 16$ Ans</p> <p>53.) C. $8C4 \times 5C3$ Ans</p> <p>54.) 5 Ans</p> <div data-bbox="1214 548 1547 800" style="border: 1px solid black; padding: 5px;"> <p>Finding MEAN, PROBABILITY & Combination</p> <p>1. The mean of 7 numbers is 63. What is the sum of the numbers? 2. Out of 100 numbers, sixteen were 5's, twenty-one were 7's and the rest were 8's. Find the arithmetic mean of the numbers 3. Thirty students in a class averaged 80% on a certain exam. Twenty one averaged 90%. What is the class average? 4. Find the range of the set of numbers: (7, 3,9,8,1,17) 5. A committee of 7 is to be selected from 8 seniors and 5 juniors. In how many ways can this be done if the committee must be composed of 4 seniors? 6. A pair of dice is tossed. Find the probability of getting a total of 8?</p> <p style="text-align: right;">24:27</p> <p>Finding the MEAN, range of set of numbers,...</p> </div> <p>Watch this for detailed solutions: https://youtu.be/TODiG2gFHbY</p> <p>or search on youtube: "Finding mean range numbers Leonalyn"</p>
<p>55.) A card is drawn from a deck. What is the probability that the card is an ace?</p> <p>56.) Given $S = [2,5,9,7,8,8]$ consider the following statistics I. The mean score is 6.5 II. The median is 4 III. The mode is 8</p> <p>Which of the following is true? A. I only B. I and II only C. I and III only D. II and III only</p> <p>57.) The number of permutations of letters a, b, c and d taken 3 at a time is?</p> <p>58.) One card is drawn at random from 100 cards numbered 1 to 100.What is the probability that the number on the card is divisible by 5?</p> <p>59.) If an apple was selected from a basket of 20 apples, 3 are rotten. What is the probability that it is good?</p>	<p>55.) $4/52 = 1/13$ Ans</p> <p>56.) Arrange the numbers and find the mean, median and mode. C. I and III only Ans</p> <p>57.) May <i>mali</i> sa video kasi lagi ko sinasabi na "lima sila" thinking A to E. The correct answer must be 24. $P(4,3) = 4! / (4-3)! = (1 \times 2 \times 3 \times 4) / 1 = 2 \times 3 \times 4 = 24$ Ans</p> <p>58.) $20/100 = 1/5$ Ans</p> <p>59.) $(20-3)/20 = 17/20$ Ans</p> <div data-bbox="1247 1486 1547 1724" style="border: 1px solid black; padding: 5px;"> <p>Mean Median Mode Probability, Permutation</p> <p>7. A card is drawn from a deck. What is the probability that the card is an ace? 8. Given the {2,5,9,7,8,8} consider the following statistics I. The mean score is 6.5 II. The median is 4 III. The mode is 8 Which of the following is true? A. I only C. I and III only B. I and II only D. II and III only</p> <p>9. The number of permutations of letters a, b, c and d taken 3 at a time is? 10. One card is drawn at random from 100 cards numbered 1 to 100. What is the probability that the number on the card is divisible by 5? 11. If an apple was selected from a basket of 20 apples, 3 are rotten. What is the probability that it is good?</p> <p style="text-align: right;">9:34</p> <p>Mean Median Mode Probability Permutation [CS...</p> </div> <p>Watch this for detailed solutions: https://youtu.be/MGE137WGBgg</p> <p>or search on youtube: "Mean Median Probability Permutation Leonalyn"</p>

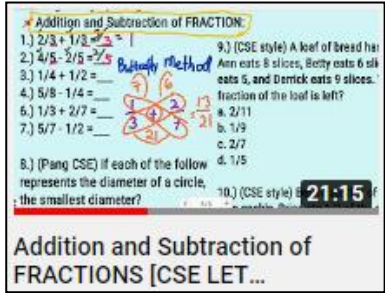
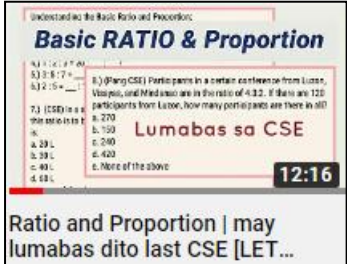
Questions	Answers
<p>60.) 90 increased by what percent of itself gives 180? a. 50% c. 150% e. 200% b. 90% d. 100%</p> <p>61.) If 500 or 25% of graduating class are girls, how many are graduating? a. 2,000 c. 5,000 e. 20,000 b. 3,000 d. 10,000</p>	<p>60.) $90 + 90(N) = 180$ $90N = 180 - 90$ $N = 90/90 = 1 \times 100\%$ = 100% Ans</p> <p>61.) $500 \times 4 = 2000$ Ans</p> <p><u>Watch this for detailed solutions:</u> https://youtu.be/-hR7LQ6_UHs or search on youtube: “Increased percent Leonalyn”</p> 
<p>62.) In a group of 8,000 applicants for a civil service examination, 1600 failed to take the first part of the test. What percent of the total applicants took the first part of the test? a. 20% b. 30% c. 40% d. 80%</p>	<p>62.) $8000 - 1600 = 6400$ $6400 \div 8000 =$ = $0.8 \times 100\% = 80\%$ Ans</p> <p><u>Watch this for detailed solutions:</u> https://youtu.be/86zNW8wxHXs or search on youtube: “group applicants Leonalyn”</p> 
<p>63.) Difference of two numbers is 1660. If 7.5% of the number is 12.5% of the other number, find the numbers?</p> <p><u>Best to watch this on youtube with 4 solutions:</u> https://youtu.be/7yBzaOp9Jvl or search on youtube: “difference two numbers Leonalyn”</p>	<p>63.) $5N - 3N = 1,660$ $N = 830$</p> <p>$5(830) = 4,150$ $3(830) = 2,490$ Answer: 4150 & 2490</p> 
<p>64.) Age Problem: Cassy's father was 38 years of age when she was born while her mother was 36 years old when her brother four years younger to her was born. What is the difference between the ages of her parents? a. 2 years b. 4 years c. 6 years d. 8 years</p>	<p>64.) $38 - 36 + 4 = 2 + 4 = 6$ yrs Ans</p> <p><u>Best to watch this on youtube with 2 solutions:</u> https://youtu.be/e4rGtc7nASE</p> <p>or search on youtube: “Age problem mother Leonalyn”</p> 
<p>65.) The lowest temperature on a winter morning was -8°F. Later that same day the temperature reached a high of 24°F. By how many degrees Fahrenheit did the temperature increase? a. 3° b. 8° c. 16° d. 24° e. 32°</p>	<p>65.) E. 32° Ans $-8^\circ + N^\circ = 24^\circ$ $N^\circ = 24^\circ + 8^\circ$ $N^\circ = 32^\circ$</p> <p><u>Best to watch this on youtube with 3 solutions:</u> https://youtu.be/LxjLIHcYeU</p> <p>or search on youtube: “lowest temperature winter Leonalyn”</p> 

Questions	Answers
<p>66.) Mrs. Harvath is three times as old as her daughter, Sue. Ten years from now, she will be twice as old as Sue. How old are Mrs. Harvath and Sue?</p> <p>67.) One house is four times as old as another. Eighteen years from now it will be twice as old. How old are the houses?</p> <p>68.) Uncle John is three years younger than four times his nephew's age. Their total ages is 57. Find the age of each.</p> <p><u>Watch this for detailed solutions:</u> https://youtu.be/IWHIEdih-uU or search on youtube: "Age problem random Leonalyn"</p>	<p>66.) $3x + 10 = 2(x + 10)$ $x = 10 \leftarrow$ Sue $3(10) = 30 \leftarrow$ Mrs Harvath</p> <p>67.) $4x + 18 = 2(x + 18)$ $2x = 18$ $x = 9 \leftarrow$ House1 $4(9) = 36 \leftarrow$ House2</p> <p>68.) $x + 4x - 3 = 57$ $5x = 60$ $x = 12 \leftarrow$ Nephew $4(12) - 3 = 45 \leftarrow$ Uncle</p>  <p>Solving Age Problem from Random post [CSE LET...</p>
<p>69.) Two numbers are in the ratio of 2:3. If their sum is 125, what are the numbers?</p> <p>70.) The difference between 38% of a number and 24% of the same number is 135.10. What is 40% of that number?</p> <p><u>Best to watch this on youtube with 4 solutions:</u> https://youtu.be/tofhZHE5UE or search on youtube: "Ratio percentage Leonalyn"</p>	<p>69.) 50 and 75 Ans $2n + 3n = 125$ $5n = 125$ $n = 125/5 = 25$ $2n = 2(25) = 50$ $3n = 3(25) = 75$</p> <p>70.) $0.38n - 0.24n = 135.10$ $0.14n = 135.10$ $n = 135.10/0.14 = 965$ What is 40% of that number? $0.4 \times 965 = 386$ Ans</p>  <p>Ratio and Percentage for Civil Service Exam MATH Word...</p>
<p>71.) What number must be added to 6, 16, 8 to get an average of 13?</p> <p><u>Best to watch this on youtube with 3 solutions:</u> https://youtu.be/xNUajE9D-t0 or search on youtube: "number must added Leonalyn"</p>	<p>71.) $13 - 6 = 7$ $13 - 16 = -3$ $13 - 8 = 5$ $13 + (7 - 3 + 5) = 22$ Ans</p>  <p>What number must be added to 6, 16 and 8 to get an...</p>
<p>72.) The average of four consecutive odd numbers is 24. Find the largest number.</p> <p>a. 25 b. 27 c. 29 d. 31</p> <p>-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>	<p>$(x+1+x+3+x+5+x+7)/4 = 24$ $4x + 16 = 24 \times 4$ $4x = 96 - 16$ $x = 80/4 = 20$</p> <p>$20+1 = 20+1 = 21$ $20+3 = 20+3 = 23$ $20+5 = 20+5 = 25$ $20+7 = 20+7 = 27 \leftarrow$ largest</p> <p><u>Best to watch this on youtube with 2 solutions:</u> https://youtu.be/LxjLIHCYeEU or search on youtube: "four consecutive average Leonalyn"</p>  <p>The average of four consecutive odd numbers is...</p>

Questions	Answers		
<p>Find the LCM:</p> <p>73.) 2, 4 = ____</p> <p>74.) 3, 12, 6 = ____</p> <p>75.) 5, 2, 10 = ____</p> <p>76.) 15, 6, 5 = ____</p> <p>Find the LCD:</p> <p>77.) $1/2, 3/4 =$ ____</p> <p>78.) $3/5, 1/2, 3/10 =$ ____</p> <p>79.) $7/8, 3/4, 5/6 =$ ____</p> <p>80.) $3/1, 5/1, 15/1 =$ ____</p> <p>81.) 3, 5, 15 = ____</p> <p>82.) 125, 25, 500 = ____</p>	<div data-bbox="1247 170 1565 415" style="border: 1px solid black; padding: 5px;"> <p>LCMultiple vs LCDenominator</p> <table border="1"> <tr> <td>"LCM vs LCD: Find the LCM: 1.) 2, 4 = ____ 2.) 3, 12, 6 = ____ 3.) 5, 2, 10 = ____ 4.) 15, 6, 5 = ____</td> <td>Find the LCD: 5.) $1/2, 3/4 =$ ____ 6.) $3/5, 1/2, 3/10 =$ ____ 7.) $7/8, 3/4, 5/6 =$ ____ 8.) $3/1, 5/1, 15/1 =$ ____ 9.) 3, 5, 15 = ____ 10.) 125, 25, 500 = ____</td> </tr> </table> <p>LCM vs LCD (Least Common Multiple vs Least Common...</p> </div> <p>73.) 2, 4 = 4 LCM</p> <p>74.) 3, 12, 6 = 12 LCM</p> <p>75.) 5, 2, 10 = 10 LCM</p> <p>76.) 15, 6, 5 = 30 LCM</p> <p>77.) $1/2, 3/4 = 4$ LCD</p> <p>78.) $3/5, 1/2, 3/10 = 10$ LCD</p> <p>79.) $7/8, 3/4, 5/6 = 24$ LCD</p> <p>80.) $3/1, 5/1, 15/1 = 1$ LCD</p> <p>81.) 3, 5, 15 = 1 LCD</p> <p>82.) 125, 25, 500 = 1 LCD</p> <p>Watch this on youtube: https://youtu.be/9z6iZOu0kK4 or search on youtube: "LCM vs LCD Leonalyn"</p>	"LCM vs LCD: Find the LCM: 1.) 2, 4 = ____ 2.) 3, 12, 6 = ____ 3.) 5, 2, 10 = ____ 4.) 15, 6, 5 = ____	Find the LCD: 5.) $1/2, 3/4 =$ ____ 6.) $3/5, 1/2, 3/10 =$ ____ 7.) $7/8, 3/4, 5/6 =$ ____ 8.) $3/1, 5/1, 15/1 =$ ____ 9.) 3, 5, 15 = ____ 10.) 125, 25, 500 = ____
"LCM vs LCD: Find the LCM: 1.) 2, 4 = ____ 2.) 3, 12, 6 = ____ 3.) 5, 2, 10 = ____ 4.) 15, 6, 5 = ____	Find the LCD: 5.) $1/2, 3/4 =$ ____ 6.) $3/5, 1/2, 3/10 =$ ____ 7.) $7/8, 3/4, 5/6 =$ ____ 8.) $3/1, 5/1, 15/1 =$ ____ 9.) 3, 5, 15 = ____ 10.) 125, 25, 500 = ____		
<p>83.) 2, 4, 6, 8, ____?</p> <p>84.) 9, 7, 5, 3, ____?</p> <p>85.) 5, 1, 10, 2, 15, 3, ____?</p> <p>86.) 1, 2, 3, 5, 8, 13, 21, ____?</p> <p>CSE style:</p> <p>87.) 100%, 2, 15/5, 4, ____?</p> <p>a. 2</p> <p>b. 3</p> <p>c. 4</p> <p>d. 5</p> <p>88.) $1/6, 1/3, 1/2, 2/3, ____?$</p> <p>a. $2/6$</p> <p>b. $2/7$</p> <p>c. $3/5$</p> <p>d. $5/6$</p> <p>89.) 250%, 50%, 100%, 20%, 40%, ____?</p> <p>a. 8%</p> <p>b. 10%</p> <p>c. 5%</p> <p>d. 15%</p> <p>90.) 0.1, 30%, $1/2, 0.7, 90%, ____?$</p> <p>a. $1 \frac{1}{10}$</p> <p>b. 100%</p> <p>c. $7/9$</p> <p>d. 1.4</p>	<p>83.) Pattern +2 or increasing even numbers: $8+2 = 10$ Ans</p> <p>84.) Pattern -2 or decreasing odd numbers: $3-2 = 1$ Ans</p> <p>85.) Alternate: 20 Ans</p> <p>86.) Fibonacci: $13+21 = 34$ Ans</p> <p>CSE style:</p> <p>87.) 100%, 2, $15/5, 4, = 1, 2, 3, 4, 5$ ← Ans</p> <p>88.) Convert to same denominator $1/6, 1/3, 1/2, 2/3, = 1/6, 2/6, 3/6, 4/6, 5/6$ ← Ans</p> <p>89.) Pattern $\div 5, \times 2, \div 5, \times 2, \div 5$ $40\% \div 5 = 8\%$ ← Ans</p> <p>90.) Pattern: decimal, percent, fraction $0.1, 30\%, 1/2, 0.7, 90\%, ____?$ $0.1, 0.3, 0.5, 0.7, 0.9, 1.1$ $1.1 = 1 \frac{1}{10}$ ← Ans</p> <div data-bbox="1208 1507 1549 1768" style="border: 1px solid black; padding: 5px;"> <p>NUMBER SERIES: The more you participate, the more you learn...</p> <p>1.) 2, 4, 6, 8, ____?</p> <p>2.) 9, 7, 5, 3, ____?</p> <p>3.) 5, 1, 11, ____?</p> <p>4.) 1, ____?</p> <p>CSE style: 5.) 100%</p> <p>6.) 250%</p> <p>7.) 50%</p> <p>8.) 100%</p> <p>9.) 20%</p> <p>10.) 40%</p> <p>11.) 8%</p> <p>12.) 15%</p> <p>13.) 10%</p> <p>14.) 5%</p> <p>15.) 7%</p> <p>Number Series ...let's start basic...</p> <p>15:57</p> <p>NUMBER SERIES: Let's Start Basic Must watch</p> </div> <p>Watch this on youtube: https://youtu.be/SQ6Zqtds3H4 or search on youtube: "start basic number series Leonalyn"</p>		

Questions	Answers
<p>91.) $2 \times 4 \div 2 = \underline{\quad}$ 92.) $10 \div 2 \times 5 = \underline{\quad}$ 93.) $8 + 2 - 4 = \underline{\quad}$ 94.) $7 - 2 + 3 = \underline{\quad}$ 95.) $(8 \div 2 \times 4) + (5 \times 2 \div 10) = \underline{\quad}$</p> <p>Pang CSE style: 96.) $(2 \times 1 \div 2), (4 \div 1 \times 2), (6 \times 1 \div 2), \underline{\quad}$ a. 8 b. 16 c. 4 d. 32</p> <p>97.) $(15 - 8 + 3), 8, (4 \div 2 \times 3), \underline{\quad}$ a. 4 b. 3 c. 8 d. 2</p> <p>ORDER OF OPERATIONS also known as PEMDAS or MDAS or GEMDAS, BEDMAS, BODMAS, BIDMAS, GEMS...</p> <p>Step1: Parenthesis/groupings -----> solve what is INSIDE the parenthesis accdg pa rin po sa PEMDAS rule... kng sakaling wala sa given proceed lang sa next step.</p> <p>Step2: Exponent / indices -----> gawin lahat ng exponents or indices or other orders like squares, cubes, etc... kng wala sa given, proceed sa next step.</p> <p>Steps3: M or D -----> they rank equally kaya solve it from LEFT to RIGHT. *Kng Multiplication ang nauna sa given, then uunahin Multiplication bago division pero *Kng Division ang nauna sa given, uunahin Division bago multiplication kasi yun ang RULE... left to right whichever comes first. L>>>>R</p> <p>Step4: A or S -----> they rank equally kaya solve it from LEFT to RIGHT. *Kng nauna ang Subtraction kaysa addition, then Subtract first, pero *kng nauna ang Addition kaysa subtraction, so solve Addition first. L>>>>R</p>	<p>91.) Multiplication and division rank equally, thus solve them from left to right. $2 \times 4 \div 2 = 4 \leftarrow \text{Ans}$</p> <p>92.) Multiplication and division rank equally, thus solve them from left to right. $10 \div 2 \times 5 = 25 \leftarrow \text{Ans}$</p> <p>93.) Addition and subtraction rank equally, thus solve them from left to right. $8 + 2 - 4 = 6 \leftarrow \text{Ans}$</p> <p>94.) Addition and subtraction rank equally, thus solve them from left to right. $7 - 2 + 3 = 8 \leftarrow \text{Ans}$</p> <p>95.) $(8 \div 2 \times 4) + (5 \times 2 \div 10) = 16 + 1 = 17 \leftarrow \text{Ans}$</p> <p>Pang CSE style: 96.) $(2 \times 1 \div 2), (4 \div 1 \times 2), (6 \times 1 \div 2), (8 \div 1 \times 2) = 16 \leftarrow \text{Ans}$</p> <p>97.) $(15 - 8 + 3), 8, (4 \div 2 \times 3), \underline{\quad}$ 10, 8, 6, 4 $\leftarrow \text{Ans}$</p>  <p>Watch this on youtube: https://youtu.be/MxmlbwVQoK4 or search on youtube: “PEMDAS MDAS Leonalyn”</p>
<p>Convert the following to Percentage:</p> <p>98.) $0.5 = \underline{\quad}$ 99.) $0.25 = \underline{\quad}$ 100.) $1/2 = \underline{\quad}$ 101.) $1/4 = \underline{\quad}$ 102.) $1/400 = \underline{\quad}$ 103.) $1/200 = \underline{\quad}$ 104.) $12 = \underline{\quad}$</p> <p>105.) (CSE style) 75 is what percent of $3/4$? a. 1% b. 10% c. 100% d. 1,000% e. 10,000%</p> <p>-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>	<p>Convert the following to Percentage:</p> <p>98.) $0.5 = 50\%$ 99.) $0.25 = 25\%$ 100.) $1/2 = 50\%$ 101.) $1/4 = 25\%$ 102.) $1/400 = 0.25\%$ or $\frac{1}{4}\%$ 103.) $1/200 = \frac{1}{2}\%$ or 0.5% 104.) $12 = 1200\%$</p> <p>105.) (CSE style) 75 is what percent of $\frac{3}{4}$? $75 = N \times \frac{3}{4}$ $75 \div \frac{3}{4} = N$ $75 \times 4 \div 3 = 100 \times 100\% =$ e. 10,000% $\leftarrow \text{Ans}$</p> <p>Watch this on youtube: https://youtu.be/ffTmlaQnnWM or search on youtube: “convert any number to percentage Leonalyn”</p> 

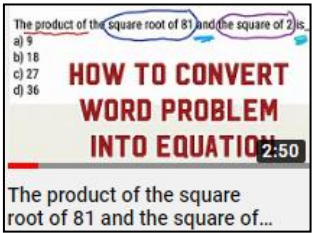
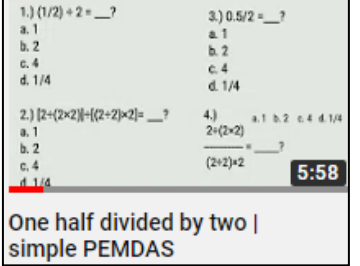

Questions	Answers
<p>106.) For the month of July, Victoria purchased the following amounts of gasoline for her car: 9.4 gallons, 18.9 gallons, and 22.7 gallons. How many gallons did she purchase in all? a. 51 b. 51.9 c. 52 d. 61</p> <p>107.) Manny works Monday through Friday each week. His bus fare to and from work is \$1.10 each way. How much does Manny spend on bus fare each week? a. \$10.10 b. \$11.00 c. \$11.10 d. \$11.20</p> <p>108.) If one centimeter equals 0.39 inches, about how many centimeters are there in 0.75 inches? a. 0.2925 b. 1.923 c. 0.52 d. 1.75</p> <p>109.) 5.133 multiplied by $10^{(-6)}$ is equal to a. 0.0005133. b. 0.00005133. c. 0.000005133. d. 0.0000005133.</p> <p>110.) On a business trip, Felicia went out to lunch. The shrimp cocktail cost \$5.95, the blackened swordfish with grilled vegetables cost \$11.70, the cherry cheesecake cost \$4.79, and the coffee was \$1.52. What was Felicia's total bill? a. \$23.96 b. \$26.93 c. \$29.63 d. \$32.99</p>	<p>106.) 9.4 gallons, 18.9 gallons, 22.7 gallons ----- 51.00 gallons a. 51 ← Ans</p> <p>107.) $5 \times 2 \times 1.10 = 11.00$ b. \$11.00 ← Ans</p> <p>108.) $1 : 0.39 = N : 0.75$ $1 \times 0.75 = 0.39 \times N$ $0.75 = 0.39N$ $0.75/0.39 = N = 1.923$ ← Ans</p> <p>109.) 5.133 multiplied by $10^{(-6)}$ is equal to 5.133*$10^{(-6)}$ remove decimal point to the left 6 times that is equal to 0.000005133 ← Ans</p> <p>110.) Align the decimals, then add. \$5.95 \$11.70 \$4.79 \$1.52 ----- \$23.96 ← Ans</p> <div data-bbox="1143 989 1544 1297" data-label="Image"> <p>A thumbnail for a '5-item MATH quiz' from 'set#51 Mathematics'. The text on the thumbnail includes '5-item MATH quiz', 'set#51 Mathematics', and '1.) For the month of July, Victoria purchased the following amounts of gasoline for her car: 9.4 gallons, 18.9 gallons, and 22.7 gallons. How many gallons did she purchase in all?'. It also shows a timer at '14:11' and 'Set#51 MATHEMATICS Civil Service Exam NAPOLCOM...'.</p> </div> <p>Watch this on youtube: https://youtu.be/xBggpGbT1LA or search on youtube: “set#51 Mathematics Leonalyn”</p> <p>-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>
<p>Addition and Subtraction of FRACTIONS and identify which of the following you will use BUTTERFLY METHOD: 111.) $1/5 + 1/5 =$ 112.) $3/7 + 1/14 =$ 113.) $1/3 + 1/2 =$ 114.) $1/8 + 3/4 =$ 115.) $5/9 + 1/2 =$ 116.) $2/7 + 1/3 =$ 117.) $7/10 - 1/2 =$ 118.) $9/10 - 2/5 =$ 119.) $7/10 - 1/3 =$ 120.) $5/8 - 1/6 =$</p>	<p>111.) $1/5 + 1/5 = 2/5$ 112.) $3/7 + 1/14 = 7/14 = 1/2$ 113.) $1/3 + 1/2 = 5/6$ 114.) $1/8 + 3/4 = 7/8$ 115.) $5/9 + 1/2 = 19/18 = 1 \frac{1}{18}$ 116.) $2/7 + 1/3 = 13/21$ 117.) $7/10 - 1/2 = 2/10 = 1/5$ 118.) $9/10 - 2/5 = 5/10 = 1/2$ 119.) $7/10 - 1/3 = 11/30$ 120.) $5/8 - 1/6 = 22/48 = 11/24$</p> <div data-bbox="1239 1602 1555 1843" data-label="Image"> <p>A thumbnail for 'Addition and Subtraction of FRACTIONS using Butterfly Method'. It lists several fraction problems: 1.) $1/5 + 1/5 =$, 2.) $3/7 + 1/14 =$, 3.) $1/3 + 1/2 =$, 4.) $1/8 + 3/4 =$, 5.) $5/9 + 1/2 =$, 6.) $2/7 + 1/3 =$, 7.) $7/10 - 1/2 =$, 8.) $9/10 - 2/5 =$, 9.) $7/10 - 1/3 =$, 10.) $5/8 - 1/6 =$. It also shows a timer at '20:08' and 'FRACTIONS using BUTTERFLY Method ...'.</p> </div> <p>Watch this on youtube: https://youtu.be/-AnWatC4pBk or search on youtube: “Fractions butterfly Leonalyn”</p>


Questions	Answers
<p>121.) If each of the following represents the diameter of a circle, which is the smallest diameter?</p> <p>a. 17/20 inches b. 3/4 inches c. 5/6 inches d. 7/10 inches</p> <p>122.) A loaf of bread has 35 slices. Ann eats 8 slices, Betty eats 6 slices, Carl eats 5, and Derrick eats 9 slices. What fraction of the loaf is left?</p> <p>a. 2/11 b. 1/9 c. 2/7 d. 1/5</p> <p>123.) Bernie ate 3/7 of a chocolate chip cookie, Brian ate 1/3 of the same cookie. How much of the cookie is left?</p> <p>a. 1/3 cookie b. 3/7 cookie c. 7/10 cookie d. 5/21 cookie</p>	<p>121.) a. $17/20$ inches = 0.85 b. $3/4$ inches = 0.75 c. $5/6$ inches = 0.83333..... d. $7/10$ inches = 0.7 ← Ans</p> <p>122.) $35/35 - (8/35 + 6/35 + 5/35 + 9/35)$ = $35/35 - 28/35$ = $7/35 = 1/5$ ← Ans</p> <p>123.) $1 - (3/7 + 1/3)$ = $1 - ((9+7)/21)$ = $1 - 16/21$ = $(21-16)/21$ = $5/21$ ← Ans</p>  <p>Watch this on youtube: https://youtu.be/OM4xH25DV-Y</p> <p>or search on youtube: “Addition Subtraction Fractions Leonalyn”</p>
<p>Understanding the Basic Ratio and Proportion:</p> <p>124.) $10 : 20 : 35 = \underline{\quad} : \underline{\quad} : \underline{\quad}$? do the ratio</p> <p>125.) $4 : 8 : 16 = \underline{\quad} : \underline{\quad} : \underline{\quad}$? do the ratio</p> <p>126.) $12 : 4 = \underline{\quad} : \underline{\quad}$? do the ratio</p> <p>127.) $1 : 2 : 3 = 20 : \underline{\quad} : \underline{\quad}$?</p> <p>128.) $3 : 5 : 7 = \underline{\quad} : 15 : \underline{\quad}$?</p> <p>129.) $2 : 5 = \underline{\quad} : 100$</p> <p>130.) (CSE) In a mixture 60 litres, the ratio of milk and water 2 : 1. If this ratio is to be 1 : 2, then the quantity of water to be further added is:</p> <p>a. 20 L b. 30 L c. 40 L d. 60 L e. none of the above</p> <p>131.) (Pang CSE) Participants in a certain conference from Luzon, Visayas, and Mindanao are in the ratio of 4:3:2. If there are 120 participants from Luzon, how many participants are there in all?</p> <p>a. 270 b. 150 c. 240 d. 420 e. None of the above</p>	<p>Just find their GCF to simplify them</p> <p>124.) $10/5 : 20/5 : 35/5 = 2 : 4 : 7$ ← Ans</p> <p>125.) $4/4 : 8/4 : 16/4 = 1 : 2 : 4$ ← Ans</p> <p>126.) $12/4 : 4/4 = 3 : 1$ ← Ans</p> <p>127.) $1 : 2 : 3 = 20 : \underline{\quad} : \underline{\quad}$? Use 20 to multiply 2&3 $2(20) = 40$ $3(20) = 60$ Answer: 40 & 60</p> <p>128.) $3 : 5 : 7 = \underline{\quad} : 15 : \underline{\quad}$? $15/5 = 3$ Use 3 to multiply 3 & 7 $3(3) = 9$ $7(3) = 21$ Answer: 9 & 21</p> <p>129.) $2 : 5 = \underline{\quad} : 100$ $100/5 = 20$ Use 20 to multiply: $2(20) = 40$ ← Ans</p> <p>130.) $60[1/(2+1)+x] = 2/(1+2) \times (60+x)$ $60/3+x = 120/3+2x/3$ $60+3x = 120+2x$ $x = 60$ ← Ans</p> <p>131.) $120/4 \times (3+2)+120$ = $30 \times 5 + 120$ = $150 + 120$ = 270 ← Ans</p>  <p>Watch this on youtube: https://youtu.be/DvOavR2jypI</p> <p>or search on youtube: “Ratio and Proportion lumabas Leonalyn”</p>

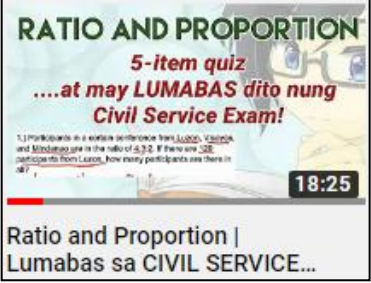
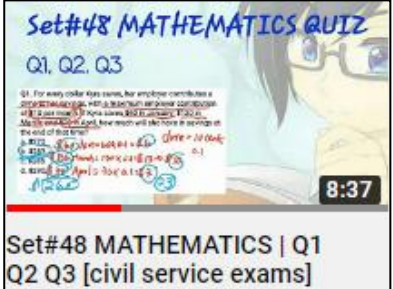
Questions	Answers
<p>Let's do Division and Multiplication of MIXED numbers</p> <p>132.) $1 \frac{1}{2} \div 1 \frac{1}{2} = \underline{\hspace{1cm}}$</p> <p>133.) $3 \frac{2}{3} \div 4 \frac{1}{3} = \underline{\hspace{1cm}}$</p> <p>134.) $2 \frac{1}{4} \div 5 \frac{1}{5} = \underline{\hspace{1cm}}$</p> <p>135.) $3 \frac{1}{3} \times 2 \frac{2}{5} = \underline{\hspace{1cm}}$</p> <p>136.) $6 \frac{4}{5} \times 3 \frac{5}{6} = \underline{\hspace{1cm}}$</p> <p>137.) (Pang CSE) An airplane covers 50 miles in $\frac{1}{5}$ hours. How many miles can the airplane cover in 5 hours? <u> </u></p> <p>a. 50 miles b. 150 miles c. 1250 miles d. 2500 miles e. None of the above</p> <p>138.) (Pang CSE) How many $\frac{1}{2}$ cups of juice are in 1 and $\frac{1}{2}$ cups?</p> <p>a. 3 of them b. 2 and $\frac{1}{2}$ of them c. 2 of them d. 6 of them</p>	<p>Always change to improper fraction first.</p> <p>132.) Any number divided by itself equals 1 ← Ans</p> <p>133.) $(\frac{11}{3}) \times (\frac{3}{13}) = \frac{33}{39} = \frac{11}{13}$ ← Ans</p> <p>134.) $(\frac{9}{4}) \times (\frac{5}{26}) = \frac{45}{104}$ ← Ans</p> <p>135.) $(\frac{10}{3}) \times (\frac{12}{5}) = \frac{120}{15} = 8$ ← Ans</p> <p>136.) $(\frac{34}{5}) \times (\frac{23}{6}) = \frac{782}{30} = 26 \frac{1}{15}$ ← Ans</p> <p>137.) $50 \times 5 / (\frac{1}{5}) = 50 \times 5 \times 5 = 250 \times 5 = 1250$ ← Ans</p> <p>138.) $\frac{3}{2} \div \frac{1}{2} = \frac{3}{2} \times 2 = 3$ ← Ans</p> <div data-bbox="1170 590 1536 873" data-label="Image"> </div> <p>Watch this on youtube: https://youtu.be/9s7yHfH77KU</p> <p>or search on youtube: “Mixed numbers Division and Multiplication Leonalyn”</p>
<p>139.) $\frac{1}{2} \div \frac{1}{2} = \underline{\hspace{1cm}}$</p> <p>140.) $\frac{3}{4} \div \frac{1}{4} = \underline{\hspace{1cm}}$</p> <p>141.) $\frac{2}{5} \div \frac{3}{10} = \underline{\hspace{1cm}}$</p> <p>142.) $\frac{4}{7} \times \frac{2}{3} = \underline{\hspace{1cm}}$</p> <p>143.) $\frac{3}{5} \times \frac{5}{6} = \underline{\hspace{1cm}}$</p> <p>144.) $\frac{2}{3} \times \frac{1}{4} = \underline{\hspace{1cm}}$</p> <p>145.) $\frac{1}{2} \div 2 = \underline{\hspace{1cm}}$</p> <p>146.) $\frac{2}{3} \times 6 = \underline{\hspace{1cm}}$</p> <p>147.) (Pang CSE) $\frac{1}{2} \div \frac{1}{4} = \underline{\hspace{1cm}}$</p> <p>a. Less than 1 b. More than 1 c. Equal to 1 d. Undefined e. None of the above</p> <p>148.) (Pang CSE style) If Kardo is feeding his buddy $\frac{1}{2}$ cup of dog food but uses $\frac{1}{10}$ of a cup, how many scoop will he need to feed his dog?</p> <p>a. $\frac{1}{12}$th scoop b. $\frac{1}{20}$th scoop c. 5 scoops d. 3 scoops</p>	<p>139.) Any number divided by itself equals 1 ← Ans</p> <p>140.) Just cancel 4: $\frac{3}{4} \div \frac{1}{4} = 3$ ← Ans</p> <p>141.) $\frac{2}{5} \div \frac{3}{10} = \frac{2}{5} \times \frac{10}{3}$ Do $10 \div 5 = 2$, thus remaining is $\frac{2}{1} \times \frac{2}{3}$; $(2 \times 2) / 3 = \frac{4}{3} = 1 \frac{1}{3}$ ← Ans</p> <p>142.) $\frac{4}{7} \times \frac{2}{3} = \frac{8}{21}$ ← Ans</p> <p>143.) Cancel 5: $\frac{3}{5} \times \frac{5}{6} = \frac{3}{6} = \frac{1}{2}$ ← Ans</p> <p>144.) $\frac{2}{3} \times \frac{1}{4} = \frac{2}{12} = \frac{1}{6}$ ← Ans</p> <p>145.) $\frac{1}{2} \div 2 = \frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ ← Ans</p> <p>146.) $\frac{2}{3} \times 6 = \frac{12}{3} = 4$ ← Ans</p> <p>147.) $\frac{1}{2} \div \frac{1}{4} = \frac{1}{2} \times \frac{4}{1} = \frac{4}{2} = 2$ Ans: b. More than 1</p> <p>148.) $\frac{1}{2} \div \frac{1}{10} = \frac{1}{2} \times \frac{10}{1} = \frac{10}{2} = 5$ ← Ans</p> <div data-bbox="1192 1461 1549 1734" data-label="Image"> </div> <p>Watch this on youtube for more ways of solving this: https://youtu.be/jgbNW6cZa5M</p> <p>or search on youtube: “Division and Multiplication Fraction step Leonalyn”</p>

Questions	Answers
<p>Basic Division and Multiplication of Decimal Numbers:</p> <p>149.) $20.5 \div 5 = \underline{\quad}$</p> <p>150.) $302.64 \div 1.2 = \underline{\quad}$</p> <p>151.) $500 \div 2.5 = \underline{\quad}$</p> <p>152.) $2.2 \times 0.6 = \underline{\quad}$</p> <p>153.) $3.15 \times 1.23 = \underline{\quad}$</p>	<div data-bbox="1198 163 1555 426" style="border: 1px solid black; padding: 5px;"> <p>Basic Division and Multiplication of Decimal Numbers:</p> <p>1.) $20.5 \div 5 = \underline{\quad}$</p> <p>2.) $302.64 \div 1.2 = \underline{\quad}$</p> <p>3.) $500 \div 2.5 = \underline{\quad}$</p> <p>4.) $2.2 \times 0.6 = \underline{\quad}$</p> <p>5.) $3.15 \times 1.23 = \underline{\quad}$</p> <p><i>Explained in Simplest way...</i></p> <p style="text-align: right;">19:03</p> </div> <p>149.) $20.5 \div 5 = 4.1$</p> <p>150.) $302.64 \div 1.2 = 252.2$</p> <p>151.) $500 \div 2.5 = 200$</p> <p>152.) $2.2 \times 0.6 = 1.32$</p> <p>153.) $3.15 \times 1.23 = 3.8745$</p> <p>Watch this on youtube: https://youtu.be/ro9oU6H9Q3k</p> <p>or search on youtube: "Division and Multiplication Decimal step Leonalyn"</p>
<p>Let's do Basic Division:</p> <p>154.) $12 \div 3 = \underline{\quad}?$</p> <p>155.) $95 \div 5 = \underline{\quad}?$</p> <p>156.) $158 \div 2 = \underline{\quad}?$</p> <p>157.) $3108 \div 12 = \underline{\quad}?$</p> <p>158.) $2632 \div 4 = \underline{\quad}?$</p>	<div data-bbox="1198 630 1555 871" style="border: 1px solid black; padding: 5px;"> <p>Basic DIVISION with whole numbers:</p> <p>1.) $12 \div 3 = \underline{\quad}$</p> <p>2.) $95 \div 5 = \underline{\quad}$</p> <p>3.) $158 \div 2 = \underline{\quad}$</p> <p>4.) $3108 \div 12 = \underline{\quad}$</p> <p>5.) $2632 \div 4 = \underline{\quad}$</p> <p><i>Steps to Division</i></p> <ul style="list-style-type: none"> • Divide • Multiply • Subtract • Dropdown <p style="text-align: right;">9:09</p> </div> <p>154.) $12 \div 3 = 4$</p> <p>155.) $95 \div 5 = 19$</p> <p>156.) $158 \div 2 = 79$</p> <p>157.) $3108 \div 12 = 259$</p> <p>158.) $2632 \div 4 = 658$</p> <p>Watch this on youtube: https://youtu.be/-xiMcPLW5WA</p> <p>or search on youtube: "Basic Division step by step Leonalyn"</p>
<p>REPEATING DECIMALS to FRACTIONS:</p> <p>159.) $0.333... = \underline{\quad}$</p> <p>160.) $0.111... = \underline{\quad}$</p> <p>161.) $0.166... = \underline{\quad}$</p> <p>162.) $0.1818... = \underline{\quad}$</p> <p>163.) $0.2121... = \underline{\quad}$</p> <p>164.) $0.142857142857... = \underline{\quad}$</p> <p>165.) $0.222... = \underline{\quad}$</p> <p>166.) $0.6222... = \underline{\quad}$</p> <p>167.) $0.435435... = \underline{\quad}$</p> <p>168.) $0.252121... = \underline{\quad}$</p>	<div data-bbox="1182 1102 1555 1390" style="border: 1px solid black; padding: 5px;"> <p>REPEATING DECIMALS to FRACTIONS:</p> <p>1.) $0.333...$</p> <p>2.) $0.111...$</p> <p>3.) $0.166...$</p> <p>4.) $0.1818...$</p> <p>5.) $0.2121...$</p> <p>6.) $0.142857142857...$</p> <p>7.) $0.222...$</p> <p>8.) $0.6222...$</p> <p>9.) $0.435435...$</p> <p>10.) $0.252121...$</p> <p>HOW TO CONVERT REPEATING DECIMALS TO FRACTIONS?</p> <p style="text-align: right;">25:19</p> </div> <p>159.) $10n = 3.333$ $- n = 0.333$ $9n = 3$ $n = 3/9 = 1/3 \leftarrow \text{Ans}$</p> <p>160.) $1/9 \leftarrow \text{Ans}$</p> <p>161.) $100n = 16.66$ $- 10n = 1.66$ $90n = 15$ $n = 15/90 = 1/6 \leftarrow \text{Ans}$</p> <p>162.) $18/99 = 2/11 \leftarrow \text{Ans}$</p> <p>163.) $21/99 = 7/33 \leftarrow \text{Ans}$</p> <p>164.) $0.142857142857... = 1/7 \leftarrow \text{Ans}$</p> <p>165.) $2/9 \leftarrow \text{Ans}$</p> <p>166.) $0.6222... = (62-6)/90 = 56/90 = 28/45 \leftarrow \text{Ans}$</p> <p>167.) $0.435435... = 435/999 = 145/333 \leftarrow \text{Ans}$</p> <p>168.) $0.252121... = (2521-25)/9900 = 208/825 \leftarrow \text{Ans}$</p> <p>Watch this on youtube for detailed solutions: https://youtu.be/lmKBDpEtS9s</p> <p>or search on youtube: "repeating decimals to fractions Leonalyn"</p>

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Questions	Answers
<p>169. The product of the square root of 81 and the square of 2 is ___?</p> <p>a) 9 b) 18 c) 27 d) 36</p> 	<p>169. The product of the square root of 81 and the square of 2 is ___? $\sqrt{81} \times 2^2 = 9 \times 4 = 36$ ← Ans</p> <p>Watch this on youtube for detailed solutions: https://youtu.be/6Wez37h_R_8</p> <p>or search on youtube: “product square root of 81 Leonalyn”</p>
<p>170.) $(1/2) \div 2 =$ ___?</p> <p>a. 1 b. 2 c. 4 d. 1/4</p> <p>171.) $[2 \div (2 \times 2)] \div [(2 \div 2) \times 2] =$ ___?</p> <p>a. 1 b. 2 c. 4 d. 1/4</p> <p>172.) $0.5/2 =$ ___?</p> <p>a. 1 b. 2 c. 4 d. 1/4</p> <p>173.) $2 \div (2 \times 2)$ ----- = ___?</p> <p>$(2 \div 2) \times 2$</p> <p>a. 1 b. 2 c. 4 d. 1/4</p>	<p>170.) $(1/2) \div 2 =$ ___? $1/2 \times 1/2 = 1/4$ ← Ans</p> <p>171.) $[2 \div (2 \times 2)] \div [(2 \div 2) \times 2] =$ $[2 \div 4] \div [1 \times 2] =$ $0.5 \div 2 = 0.25$ or $1/4$ ← Ans</p> <p>172.) $0.5/2 = 0.25$ or $1/4$ ← Ans</p> <p>173.) $2 \div (2 \times 2)$ ----- = $(2 \div 4) / (1 \times 2) = 0.5/2 = 0.25$ or $1/4$ ← Ans $(2 \div 2) \times 2$</p>  <p>Watch this on youtube for detailed solutions: https://youtu.be/1byyMn_PwR4</p> <p>or search on youtube: “one half divided by two simple PEMDAS Leonalyn”</p>
<p>174.) Ken is 2 years older than Ben. In 8 years, Ben will be 4/3 as old as Ken is now. Find the age of Ben.</p> <p>-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>	<p>174.) $4(B+2) = 3(B+8)$ $4B+8 = 3B+24$ $B = 16$ ← Ans</p>  <p>Watch this on youtube for detailed solutions: https://youtu.be/KVuE9uknblc</p> <p>or search on youtube: “Age problem Ken Ben Leonalyn”</p>

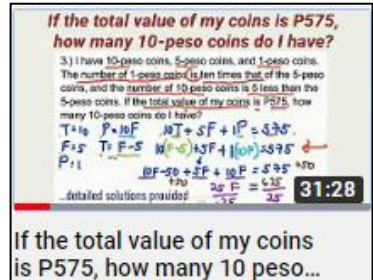
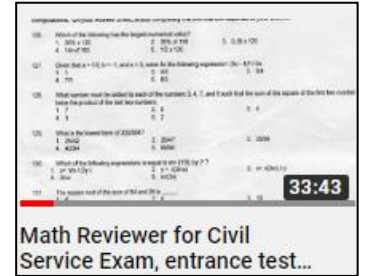
Questions	Answers
<p>175.) If $A + B = 76$ and $A - B = 38$, then what is $A \div B$?</p> <p><u>Watch this on youtube for detailed solutions:</u> https://youtu.be/Alz5atrcgQU</p> <p>or search on youtube: “Logic test A+B=76 Leonalyn”</p>	<p>To find A $A+B = 76$ $A-B = 38$ (use elimination method). $2A = 114$ $A = 57$</p> <p>To find B $A+B = 76$ $57+B = 76$ $B = 76-57$ $B = 19$</p> <p>To find $A \div B = 57 \div 19 = 3$</p> <div data-bbox="1203 296 1549 558" style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">IQ TEST</p> <p style="text-align: center;">IF $A + B = 76$</p> <p style="text-align: center;">$A - B = 38$</p> <p style="text-align: center;">$A \div B = \dots?$</p> <p style="text-align: right;"> 12:34</p> <p style="font-size: small;">Logic Test $A+B=76$ $A-B=38$ $A \div B = ?$</p> </div>
<p>176.) Mark’s temperature at 9:00 a.m. was 97.2° F. At 4:00 p.m., his temperature was 99° F. By how many degrees did his temperature rise? a. 0.8 b. 1.8 c. 2.2 d. 2.8</p> <p>177.) Jason had P40.00 in his wallet. He bought water for P12.90, a small pack of gum for P0.45, and a candy for P0.88. How much money did he have left? a. P14.23 b. P25.77 c. P25.67 d. P26.77</p> <p>178.) The price of cheddar cheese is \$2.12 per pound. The price of Monterey Jack cheese is \$2.34 per pound. If Harrison buys 1.5 pounds of cheddar and 1 pound of Monterey Jack, how much will he spend in all? a. \$3.18 b. \$4.46 c. \$5.41 d. \$5.52</p> <p>179.) From a 100-foot ball of string, Randy cuts three pieces of the following lengths: 5.8 feet, 3.2 feet, 4.4 feet. How many feet of string are left? a. 66 b. 86.6 c. 87.6 d. 97.6</p> <p>180.) Fifteen-ounce cans of pure lemon juice sell at 3 for P2.00. How much does one can cost, rounded to the nearest cent? a. P0.60 b. P0.66 c. P0.67 d. P0.70</p>	<p>176.) $99 - 97.2 = 1.8$ Ans</p> <p>177.) $12.9 + 0.45 + 0.88 =$ $= 14.23$ Ans</p> <p>178.) $(2.12 \times 1.5) + (2.34 \times 1)$ $3.18 + 2.34 = 5.52$ ← Ans</p> <p>179.) $100 - (5.8 + 3.2 + 4.4) = 86.6$ ← Ans</p> <p>180.) $2/3 = 0.666\dots = 0.67$ ← Ans</p> <div data-bbox="1166 1283 1544 1570" style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Set#50 MATHEMATICS</p> <p style="text-align: center;">Simple Word Problems (Decimals) 9:25</p> <p style="font-size: small;">Set#50 Mathematics for Civil Service and other Math...</p> </div> <p><u>Watch this on youtube for detailed solutions:</u> https://youtu.be/sER5tp-avow</p> <p>or search on youtube: “set#50 Mathematics Leonalyn”</p> <p style="text-align: center; font-size: x-small;">-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>

Questions	Answers
<p>181.) Yamaha Store sells violins in only three colors: black, white and brown. The colors are in the ratio of 3 to 4 to 5. If the store has 24 white violins, how many violin does it have altogether?</p> <p>182.) The angles of a triangle are in a ratio of 3 : 4 : 8. What are the measures of the each angle?</p> <p>183.) Section A, B and C were in the ratio of 3:5:6 and it was decided to increase by 100%, 80% and 50%. What will be the new ratio?</p> <p>184.) At present, the ratio between the ages of Ann and Dina is 4 : 3. After 6 years, Ann age will be 26 years. What is the age of Dina at present ?</p> <p>-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>	<p>181.) $24/4=6$ $(3)(6)+24+(5)(6) =$ $18+24+30 = 72 \leftarrow \text{Ans}$</p> <p>182.) Sum of all angles in a triangle = 180° $3x+4x+8x=180$ $15x=180$ $x=12$ $3 \times 12 = 36$ degrees $4 \times 12 = 48$ degrees $8 \times 12 = 96$ degrees</p> <p>183.) $3+(1.0)(3) = 6$ $5+(0.80)(5) = 9$ $6+(0.50)(6) = 9$ $6:9:9$ or Ratio: 2:3:3 $\leftarrow \text{Ans}$</p> <p>184.) $26-6= 20/4 = 5 \times 3 = 15 \leftarrow \text{Ans}$</p> <p><u>Watch this on youtube for detailed solutions:</u> https://youtu.be/Zlj7bFC0Sg4</p> <p><u>or search on youtube:</u> "Ratio and Proportion Lumabas Leonalyn"</p> 
<p>185.) For every dollar Kyra saves, her employer contributes a dime to her savings, with a maximum employer contribution of \$10 per month. If Kyra saves \$60 in January, \$130 in March, and \$70 in April, how much will she have in savings at the end of that time? a. \$270 b. \$283 c. \$286 d. \$290</p> <p>186.) Martin was shopping for a new washing machine. The one he wanted to buy cost \$428.98. The salesperson informed him that the same machine would be on sale the following week for \$399.99. How much money would Martin save by waiting until the washing machine went on sale? a. \$28.99 b. \$29.01 c. \$39.09 d. \$128.99</p> <p>187.) Based on the information given in Q2, calculate the percentage decrease. a. 6.76% b. 7.25% c. 7% d. 6.25%</p>	<p>185.) $60+6+130+10+70+7 = 283 \leftarrow \text{Ans}$</p> <p>186.) $428.98 - 399.99 = 28.99 \leftarrow \text{Ans}$</p> <p>187.) $[1-(399.99/428.98)] \times 100$ $= (1-0.93241.....) \times 100$ $= (0.06759...) \times 100$ $= 6.76\% \leftarrow \text{Ans}$</p>  <p><u>Watch this on youtube for detailed solutions:</u> https://youtu.be/Amel5cdHG8</p> <p><u>or search on youtube:</u> "set#48 Mathematics Leonalyn"</p>

Questions	Answers
<p>188.) Marcia wants to make muffins and needs $\frac{3}{4}$ cup of sugar. She discovers, however, that she has only $\frac{2}{3}$ cup of sugar. How much more sugar does she need?</p> <p>A. $\frac{1}{12}$ cup B. $\frac{1}{8}$ cup C. $\frac{1}{6}$ cup D. $\frac{1}{4}$ cup</p> <p>189.) Angela baked 13 dozen muffins for a party. She made a mistake and bought 10-piece boxes instead of 12-piece ones. How many boxes can she fill?</p> <p>A. 12 boxes B. 13 boxes C. 15 boxes D. 16 boxes</p> <p>190.) A recipe calls for 2 cups of milk for every 7 cups of flour. A chef will use 28 cups of flour, how many cups of milk must he have?</p> <p>A. 8 B. 14 C. 20 D. 49</p> <p>191.) In a recipe of one dozen apple muffins, it requires 3 cups of flour and 1.5 cups of sugar. Julia received an order of 40 apple muffins from Bea. How many cups of flour and sugar she has to use to bake the 40 apple muffins?</p>	<p>188.) $n + \frac{2}{3} = \frac{3}{4}$ $(n = \frac{3}{4} - \frac{2}{3})12$ $12n = 9 - 8$ $n = \frac{1}{12} \leftarrow \text{Ans}$</p> <p>189.) $12 \cdot 10 = 2 \times 13 = 26 \div 10 = 2.6 + 13 = 15.6$ Answer: 16 boxes</p> <p>190.) $28/7 = 4 \times 2 = 8 \leftarrow \text{Ans}$</p> <p>191.) 12 muffins : 3 flour : 1.5 sugar $40/12 = (10/3) (3) = 10$ flour $(10/3)(3/2) = 30/6 = 5$ sugar Answer: 10 cups of flour & 5 cups of sugar</p> <div data-bbox="1183 682 1555 957" style="border: 1px solid black; padding: 5px;"> <p>LUMABAS SA EXAM 🤖👉 Detailed solutions provided In a recipe of one dozen apple muffins, it requires 3 cups of flour and 1.5 cups of sugar. Julia received an order of 40 apple muffins from Bea. How many cups of flour and sugar she has to use to bake the 40 apple muffins? 16:46</p> <p>LUMABAS ito? How many cups of flour and sugar she...</p> </div> <p>Watch this on youtube for detailed solutions: https://youtu.be/QKGQxK7kkLw</p> <p>or search on youtube: "Lumabas cups of flour and sugar Leonalyn"</p>
<p>192.) Simple Interest: A sum of P12,500 amounts to P15,500 in 4 years at the rate of the simple interest. What is the rate of interest?</p> <p>a. 3% b. 4% c. 5% d. 6%</p> <p>193.) Compound Interest: Mario invested an amount of Php8000 in a fixed deposit scheme for 2 years at compound interest rate of 5%. How much amount will Mario get on maturity of the fixed deposit?</p> <p>a. Php8600 b. Php8620 c. Php8820 d. Php8800 e. None of these</p> <div data-bbox="496 1625 837 1902" style="border: 1px solid black; padding: 5px;"> <p>A sum of P12,500 amounts to P15,500 in 4 years at the rate of the simple interest. What is the rate of interest? a. 3% b. 4% c. 5% d. 6%</p> <p style="text-align: center;">Simple Interest</p> <p>23.) Compound Interest Mario invested an amount of Php8000 in a fixed deposit scheme for 2 years at compound interest rate of 5%. How much amount will Mario get on maturity of the fixed deposit? a. Php8600 b. Php8620 c. Php8820</p> <p style="text-align: center;">Compound Interest 10:01</p> <p style="text-align: center;">Simple Interest vs Compound Interest</p> </div>	<p>192.) $15,500 - 12,500 = 3000 \div 4 = 750$ 750 is what % of 12,500 $750 = N \times 12,500$ $N = 750/12500 = 0.06 \times 100\% = 6\% \leftarrow \text{Ans}$</p> <p>193.) $8000 \times 1.05 = 8400$ $8400 \times 1.05 = 8820 \leftarrow \text{Ans}$</p> <p>Watch this on youtube for detailed solutions: https://youtu.be/wpSF8UoWHzl</p> <p>or search on youtube: "simple interest vs compound Leonalyn"</p> <p>-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>

Questions	Answers
<p>194.) $100 \div 2 \times 5 - (12 \div 3 \times 4) + 1 = \underline{\quad}$?</p> <p>a. 10 b. 1 c. -1 d. 23 e. none of the above</p> <p>ORDER OF OPERATIONS also known as PEMDAS or MDAS or GEMDAS, BEDMAS, BODMAS, BIDMAS, GEMS...</p> <p>Step1: Parenthesis/groupings ----> solve what is INSIDE the parenthesis accdg pa rin po sa PEMDAS rule... kng sakaling wala sa given proceed lang sa next step.</p> <p>Step2: Exponent / indices ----> gawin lahat ng exponents or indices or other orders like squares, cubes, etc... kng wala sa given, proceed sa next step.</p> <p>Steps3: M or D ----> they rank equally kaya solve it from LEFT to RIGHT. *Kng Multiplication ang nauna sa given, then uunahin Multiplication bago division pero *Kng Division ang nauna sa given, uunahin Division bago multiplication kasi yun ang RULE... left to right whichever comes first. L>>>R</p> <p>Step4: A or S ----> they rank equally kaya solve it from LEFT to RIGHT. *Kng nauna ang Subtraction kaysa addition, then Subtract first, pero *kng nauna ang Addition kaysa subtraction, so solve Addition first. L>>>R</p>	<p>194.) $10 \div 2 \times 5 - (12 \div 3 \times 4) + 1 = \underline{\quad}$?</p> <p>$5 \times 5 - (4 \times 4) + 1 = \underline{\quad}$?</p> <p>$25 - 16 + 1 = 9 + 1 = 10 \leftarrow \text{Ans}$</p> <div data-bbox="1110 390 1547 667" style="border: 1px solid black; padding: 5px;"> <p>$10 \div 2 \times 5 - (12 \div 3 \times 4) + 1 = \underline{\quad}$?</p> <p>a. 10 b. 1 c. -1 d. 23 e. None of the above</p> <p style="text-align: right;">12:36</p> <p>PEMDAS Order of Operation</p> </div> <p>Watch this on youtube for detailed solutions: https://youtu.be/xc2vTTNjmtk</p> <p>or search on youtube: "PEMDAS Order of operation Leonalyn"</p>
<p>195.) The length of a rectangular lot is 1 less than twice its width. If the area of lot is 45 square meters, what is the length of the rectangular lot?</p>	<p>195.) $A = L \times W$, $L = 2W - 1$</p> <p>$45 = (2W - 1)(W)$</p> <p>$45 = 2W^2 - W$</p> <p>$2W^2 - W - 45 = 0$</p> <p>$W = 5$</p> <p>$L = 2W - 1$ $L = 2(5) - 1$ $L = 10 - 1$ $L = 9 \leftarrow \text{Ans}$</p> <div data-bbox="1159 1062 1547 1346" style="border: 1px solid black; padding: 5px;"> <p>The length of a rectangular lot is 1 less than twice its width. If the area of lot is 45 square meters. What is the length of the rectangular lot?</p> <p>Area = length x width</p> <p style="text-align: right;">7:28</p> <p>Finding the Length and Width: The length of a...</p> </div> <p>Watch this on youtube for detailed solutions: https://youtu.be/KZnSBN4_AJo</p> <p>or search on youtube: "Finding length width Leonalyn"</p>
<p>196.) What number must be added to each of the numbers 3, 4, 7, and 5 such that the sum of the square of the first two numbers is 65 less than twice the product of the last two numbers.</p> <p>Watch this on youtube for detailed solutions: https://youtu.be/Jb4u3SsdbEk</p> <p>or search on youtube: "number must be added Leonalyn"</p>	<p>196.) $(3+x)^2 + (4+x)^2 = 2(5+x)(7+x) - 65$</p> <p>$9 + 6x + x^2 + 16 + 8x + x^2 = 2x^2 + 24x + 70 - 65$</p> <p>$14x + 25 = 24x + 5$</p> <p>$10x = 20$</p> <p>$x = 2 \leftarrow \text{Ans}$</p> <div data-bbox="1227 1703 1555 1948" style="border: 1px solid black; padding: 5px;"> <p>What number must be added to each of the numbers 3, 4, 7, and 5 such that the sum of the square of the first two numbers is 65 less than twice the product of the last two numbers.</p> <p>A. 7 B. 5 C. 4 D. 3 E. 2</p> <p>$(3+n)^2 + (4+n)^2 = 2(7+n)(5+n) - 65$</p> <p style="text-align: right;">17:19</p> <p>What number must be added to each of the numbers.....</p> </div>

Questions	Answers
<p>197.) Which of the following has the largest numerical value? a. $30\% \times 120$ b. 35% of 100 c. 0.35×120 d. $1/4$ of 160 e. $1/3 \times 120$</p> <p>198.) Given that $a=1/2$, $b= -1$, and $c=3$, solve the following expression: $(5c-b)^a/6a$ a. 1 b. $4/3$ c. $5/4$ d. $7/3$ e. $8/3$</p> <p>199.) What is the lowest term of $336/564$? a. $26/42$ b. $28/47$ c. $28/94$ d. $42/94$ e. $56/94$</p> <p>200.) Which of the following expressions is equal to $M = (1/3)(xy)^2$? a. $x = \sqrt{m}/(3y)$ d. $3mx$ b. $y = \sqrt{3mx}$ e. $m/(3x)$ c. $x = \sqrt{3m}/y$</p> <p>201.) The square root of the sum of 64 and 36 is ___? a. 6 b. 8 c. 10 d. 12 e. 14</p>	<p>197.) a. $30\% \times 120 = 36$ b. 35% of 100 = 35 c. $0.35 \times 120 = 42 \leftarrow \text{Ans}$ d. $1/4$ of 160 = 40 e. $1/3 \times 120 = 40$</p> <p>198.) b. $4/3 \leftarrow \text{Ans}$</p> <p>199.) Find the GCF=12 $(336 \div 12)/(564 \div 12) = 28/47 \leftarrow \text{Ans}$</p> <p>200.) c. $x = \sqrt{(3m)}/y \leftarrow \text{Ans}$ (watch tutorial video)</p> <p>201.) $\sqrt{64+36} = \sqrt{100} = 10 \leftarrow \text{Ans}$</p> <p><u>Watch this on youtube for detailed solutions:</u> https://youtu.be/KZfDHT0JbbI</p> <p><u>or search on youtube:</u> "Math Reviewer for Civil Service exam Leonalyn"</p>
<p>202.) A group of pigs and chickens are at the backyard of your house. When counted by heads the number is 15. When counted by legs the number is 44. How many pigs and chickens are there?</p> <p>203.) In a group of chicken (ulit) and cows, the total of legs are 24 more than twice the number of heads. Find the total number of cows.</p> <p>204.) I have 10-peso coins, 5-peso coins, and 1-peso coins. The number of 1-peso coins is ten times that of the 5-peso coins, and the number of 10-peso coins is 5 less than the 5-peso coins. If the total value of my coins is P575, how many 10-peso coins do I have?</p> <p><u>Watch this on youtube for detailed solutions:</u> https://youtu.be/5OrxZj2mgXQ</p> <p><u>or search on youtube:</u> "total value of coins is P575 Leonalyn"</p>	<p>202.) $x = \text{chickens}; y = \text{pigs}$ $x + y = 15$ $y = 15 - x$ $2x + 4y = 44$ $2x + 60 - 4x = 44$ $2x = 16$ $x = 8 \text{ chickens} \leftarrow \text{Ans}$ $y = 15 - 8 = 7 \text{ pigs} \leftarrow \text{Ans}$</p> <p>203.) $x = \text{chickens}; y = \text{cows}$ $2x + 4y = 2(x + y) + 24$ $2x + 4y = 2x + 2y + 24$ $2y = 24$ $y = 12 \text{ (cows)} \leftarrow \text{Ans}$</p> <p>204.) $x = 1 \text{ peso}; y = 5 \text{ peso}; z = 10 \text{ peso}$ $x = 10y$ $z = y - 5$ $x + 5y + 10z = 575$ $10y + 5y + 10(y - 5) = 575$ $25y = 625$ $y = 25 \text{ (5 peso coins)}$ $x = 250 \text{ (1 peso coin)}$ $z = 20 \text{ (10 peso coins)}$</p>



Questions	Answers
<p>212.) What is the percentage decrease from 80 to 60? a.) 33.33% b.) 25% c.) 20% d.) 75% e.) None of the above</p>	<p>212.) $80 - 60 = 20$, $(20/80)100\% = 25\% \leftarrow \text{Ans}$</p>
<p>213.) What is the percentage increase from 60 to 80? a.) 33.33% b.) 25% c.) 20% d.) 75% e.) None of the above</p>	<p>213.) $80 - 60 = 20$, $(20/60)100\% = 33.33\% \leftarrow \text{Ans}$</p>
<p>214.) A businessman sells 60% English books and still has 28 English books. Originally, he had: a.) 47 b.) 39 c.) 60 d.) 70 e.) None of the above</p>	<p>214.) $100\% - 60\% = 40\%$ 28 is 40% of the original number of books $28 = 0.4 \times N$ $28/0.4 = 70 \leftarrow \text{Ans}$</p>
<p>215.) Twelve and one half percent of 200 is what number? a.) 112 b.) 12 c.) 50 d.) 25 e.) None of the above</p>	<p>215.) $12.5\% \times 200 = 0.125 \times 200 = 25 \leftarrow \text{Ans}$</p>
<p>216.) If the price of a book is first decreased by 25% and then increased by 20%, then the net change in the price will be : a.) 10% b.) 20% c.) 30% d.) 40% e.) None of the above</p>	<p>216.) $100 - (100 \times 25\%) = 75$ $75 + (75 \times 20\%) =$ $75 + (15) = 90$ $100 - 90 = 10\% \leftarrow \text{Ans}$</p>
<p>217.) One half percent is ____ a.) 0.005 b.) 0.05 c.) 0.5 d.) 50% e.) None of the above</p>	<p>217.) $0.005 \leftarrow \text{Ans}$ 218.) $0.25\% \leftarrow \text{Ans}$</p>
<p>218.) One fourth percent is ____ a.) 25% b.) 0.25 c.) 0.25% d.) A and B e.) None of the above</p>	<p>219.) $100 - (10\% \times 100) = 90$ $90 - (15\% \times 90) = 76.5$ $100 - 76.5 = 23.5\% \leftarrow \text{Ans}$</p>
<p>219.) What single discount is equivalent to two successive discounts of 10% and 15%? a.) 25% b.) 24% c.) 24.5% d.) 23.5% e.) 22%</p>	<p>220.) $75 = 3/4 \times N$ $75 \times 4/3 = N$ $25 \times 4 = 100 \leftarrow \text{Ans}$</p>
<p>220.) 75 is 3/4 of what number? a.) 10 b.) 100 c.) 1,000 d.) 10,000 e.) 100,000</p>	<p>221.) $75 = 3/4 \% \times N$ $75 \times 400/3 = N$ $25 \times 400 = 10,000 \leftarrow \text{Ans}$</p>
<p>221.) 75 is 3/4 percent of what number? a.) 10 b.) 100 c.) 1,000 d.) 10,000 e.) 100,000</p> <p>-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>	<div data-bbox="1149 1297 1546 1612" data-label="Image"> </div> <p>Watch this on youtube for detailed solutions: https://youtu.be/OVEzn5tQM68</p> <p>or search on youtube: "all about percentage Leonalyn"</p>

Questions

- 222.) 5, 6, 9, 15, _____, 40
a. 21 b. 27 c. 25 d. 33
- 223.) 5,16,49,104,_____
a. 170 b. 148 c. 115 d. 181
- 224.) 225, 336, 447, _____, 669, 7710
a. 114 b. 991 c. 558 d. 338
- 225.) 563,647,479,815,_____
a. 672 b. 386 c. 279 d. 143
- 226.) 3, 12, 27, 48,75, 108, _____
a. 183 b. 192 c. 162 d. 147
- 227.) 0.5, 0.55, 0.65, 0.8,_____
a. 0.82 b. 0.9 c. 0.95 d. 1
- 228.) 3,8,22,63,185,_____
a. 285 b. 310 c. 550 d. 295
- 229.) 840, 168, 42, 14, 7, _____
a. 7 b. 9 c. 1 d. 12
- 230.) 134, 245, 356, 467,_____
a. 568 b. 579 c. 478 d. 578
- 231.) 11, 12, 17, 18, 23, 24,_____
a. 30 b. 29 c. 12 d. 35

- 232.) How would you divide P40.00 between two students in the ratio of 3 is to 5?
a. P23 & P17
b. none of these
c. P14 & P26
d. P12 & P28
e. P15 & P25

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Answers

- 222.) $15+10 = 25$ ← Ans
- 223.) Pattern: 11, 33, 55, 77
 $104+77 = 181$ ← Ans
- 224.) Pattern: Add 111
 $447 + 111 = 558$ ← Ans
- 225.) $815-672 = 143$ ← Ans
- 226.) Do the difference up to 2nd layer
 $108 + 39 = 147$ ← Ans
- 227.) $0.8 + 0.2 = 1$ ← Ans
- 228.) $185 \times 3 - 5 = 550$ ← Ans
- 229.) Pattern $\div 5, \div 4, \div 3, \div 2, \div 1$
 $7 \div 1 = 7$ ← Ans
- 230.) $467 + 111 = 578$ ← Ans
- 231.) Pattern +1, +5, +1, +5, +1, +5
 $24+5 = 29$ ← Ans

Watch this on youtube for detailed solutions:
<https://youtu.be/XC7xBynn2ww>

or search on youtube:
"number series difficult or easy Leonalyn"

- 232.)
 $3n + 5n = 40$
 $8n = 40$
 $n = 40/8 = 5$
 $3n = 3(5) = 15$
 $5n = 5(5) = 25$

Answer: 15 & 25

Watch this on youtube with 4 solutions:
<https://youtu.be/BufCRllzBss>

or search on youtube:
"ratio and proportion word problem Leonalyn"

Number Series Quiz

NUMBER SERIES difficult or easy?

How would you divide P 40.00 between two student in the ratio of 3 is to 5?

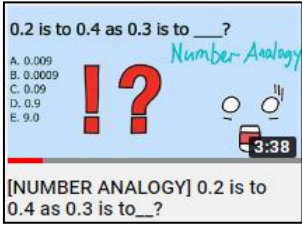
P 23 & P 17	P 12 & P 28
None of these	P 15 & P 25

Ratio and Proportion word problem

Questions	Answers
<p>233.) Round off value of 6488 to nearest hundreds. a. 6400 b. 7000 c. 6500 d. 6600</p> <p>234.) Round off value of 78.25 to nearest tenths. a. 78.2 b. 80.0 c. 79.0 d. 78.3 e. None of the these</p> <p>235.) 235.2165 rounded off to nearest hundredths. a. 200 b. 235.217 c. 235.216 d. 250 e. None of the above</p> <p>236.) 153,241.6532 rounded off to nearest ten thousands. a. 160,000 d. 200,000 b. 150,000 e. None of the these c. 153,241</p> <p>237.) 153,241.6532 rounded off to nearest thousandths. a. 153,000 b. 153,241.66 c. 153,241.653 d. 200,000 e. None of the above</p> <p>238.) 153,241.6532 rounded off to nearest tenths. a. 153,240 b. 153,241.6 c. 153,241.7 d. 153,250 e. None of the above</p> <p>239.) 153,241.6532 rounded off to nearest hundreds. a. 153,200 b. 153,300 c. 153,241.65 d. 153,241.7 e. None of the above</p> <p>240.) 153,241.6532 rounded off to nearest hundred thousands. a. 100,000 b. 150,000 c. 160,000 d. 200,000 e. None of the above</p> <p>241.) 83,555.45 rounded off to nearest tens: _____</p> <p>242.) 83,555.45 rounded off to nearest tenths: _____</p>	<p>233.) C 234.) D 235.) E Answer: 235.22 236.) B 237.) C 238.) C 239.) A 240.) D 241.) 83,560 242.) 83,555.5</p> <div data-bbox="1128 745 1555 1071" data-label="Image"> </div> <p>Watch this on youtube for detailed solutions: https://youtu.be/uj8ezlY65aY</p> <p>or search on youtube: “rounding off numbers with legit Leonalyn”</p> <p>Please forget about the rule of FIVE I shared before... although it is not wrong kasi meron din tayong reference dyan BUT we will follow this BASED on LEGIT reference kasi dito magbabase ang CSE....</p> <p>Here's the general rule for rounding:</p> <p>If the number you are rounding is followed by 5, 6, 7, 8, or 9, round the number up.</p> <p>If the number you are rounding is followed by 0, 1, 2, 3, or 4, round the number down.... meaning keep the number.</p> <p>-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>

Questions	Answers
<p>243.) Millie is a night security guard at the Art Museum. Each night, she is required to walk through each gallery once. The Museum contains 52 galleries. This night, Millie has walked through 16 galleries. What fraction of the total galleries has she already visited?</p> <p>a. 4/13 c. 5/11 b. 1/16 d. 3/14</p> <p>244.) Alan has been ill and worked only 3/4 of his usual 40 hour week. He makes \$12.35 an hour. How much has he earned this week?</p> <p>a. \$247.00 c. \$370.50 b. \$308.75 d. \$432.25</p> <p>245.) A recipe calls for 1/4 teaspoon of red pepper. How much red pepper would you need for half a recipe?</p> <p>a. 1/10 teaspoon b. 1/8 teaspoon c. 1/6 teaspoon d. 1/2 teaspoon</p> <p>246.) Juana's lawn is 30 yards by 27 yards. Yesterday, Juana mowed 2/3 of the lawn. How many square yards are left to be mowed today?</p> <p>a. 270 square yards b. 540 square yards c. 810 square yards d. 1080 square yards</p> <p>247.) A thirty-minute time slot on a television network contains 24 minutes of comedy and 6 minutes of commercials. What fraction of the program time is devoted to commercials?</p> <p>a. 1/6 of the time b. 1/4 of the time c. 1/3 of the time d. 1/5 of the time</p>	<p>243.) $16/52 = 4/13$ ← Ans A https://youtu.be/al85d8U7QXw <u>search on youtube: "set#35 Q1 Simple fraction Leonalyn"</u></p> <p>244.) $(40 \times 3)/4 \times 12.35 =$ $120/4 \times 12.35$ $30 \times 12.35 = 370.50$ ← Ans C https://youtu.be/ii4AJdcVHYE <u>search on youtube: "set#35 Q2 Simple Word Leonalyn"</u></p> <p>245.) $\frac{1}{2}$ of $\frac{1}{4}$ is expressed as $\frac{1}{2} \times \frac{1}{4}$ or $\frac{1}{8}$ ← Ans B https://youtu.be/K4GbjWc-dzQ <u>search on youtube: "set#35 Q3 Leonalyn"</u></p> <p>246.) $(30 \times 27)(1/3) = 810 \times 1/3 =$ $= 810/3 = 270$ square yards ← Ans A https://youtu.be/6Dd3FO9-jl <u>search on youtube: "set#35 Q5 Leonalyn"</u></p> <p>247.) $6/30 = 1/5$ ← Ans D https://youtu.be/bcD-CcDkdfY <u>search on youtube: "set#35 Q6 Leonalyn"</u></p> <div data-bbox="1105 961 1533 1287" data-label="Image"> </div> <p>Another youtube link for detailed solutions (243 to 247): https://youtu.be/WbsFf1DdgwU</p> <p>or search on youtube: "Set#29 word problems Leonalyn"</p>
<p>248.) A box contains 50, 25 and 10 coins in the ratio 5 : 9 : 4, amounting to P206. Find the number of coins of each type respectively.</p> <div data-bbox="495 1703 824 1955" data-label="Image"> </div>	<p>248.) $5n(.5) + 9n(.25) + 4n(.1) = 206$ $2.5n + 2.25n + 0.4n = 206$ $5.15n = 206$ $n = 40$</p> <p>$40(5) = 200$ pcs of 50cents $40(9) = 360$ pcs of 25cents $40(4) = 160$ pcs of 10cents</p> <p><u>Watch this on youtube for detailed solutions:</u> https://youtu.be/y-mksSRtB4w <u>or search on youtube: "box contains 50, 25, 10 Leonalyn"</u></p>

Questions	Answers
<p>249.) A pipe can empty a tank in 40 minutes. A second pipe with diameter twice as much as that of the first is also attached with the tank to empty it. The two pipe together can empty the tank in:</p> <p>a. 8 Minutes b. 40/3 Minutes c. 30 Minutes d. 38 Minutes</p>	<div data-bbox="1247 170 1560 411" style="border: 1px solid black; padding: 5px;"> <p>Akbar Ritu • Philippine Civil Service Review for all Yesterday at 5:13 PM • 0</p> <p>A pipe can empty a tank in 40 minutes. A second pipe with diameter twice as much as that of the first is also attached with the tank to empty it. The two pipe together can empty the tank in:</p> <p>(a) 8 Minutes (b) 40/3 Minutes (c) 30 Minutes (d) 38 Minutes</p> <p style="text-align: right;">5:52</p> <p>Word Problem about Empty a tank with Two PIPES [CSE...</p> </div> <p>249.) Let $x=4$; $y=8$ $(4/2)(4/2)\pi = 4\pi$ $(8/2)(8/2)\pi = 16\pi$</p> <p>$40(16\pi/4\pi) = 10$ $60/40+60/10 = 1/t$ $3/2+6 = 1/t$ $15/2 = 1/t$ $t = 2/15\text{hrs or } 8\text{min} \leftarrow \text{Ans}$</p> <p><u>Watch this on youtube for detailed solutions:</u> https://youtu.be/edlcSzCJaZ4</p> <p><u>or search on youtube: “tank with two pipes Leonalyn”</u></p>
<p>250.) The average rate of an employee walking is 1680 meters/hour. If the distance of his office from his house is 700 meters, what will be the latest time that he can leave his house to be able to reach his office at exactly 7:45 am?</p> <p>251.) A messenger travels at 20 km per hour was sent to a pick a letter 10 km away. If this messenger left at 8:30 rested for 10 minutes along the way, what time will he be back?</p> <p>252.) An employee drives a car at 30 km per hour from his residence reached his office at 8:00 am. If he drives at 7:50 am, how far is his office from his residence?</p> <p>253.) A chairman has an appointment at 9:00 am in a nearby province. If he travels at 40 km per hour, he will arrive at 8:00 am. If he drives at 30 km per hour, he will not arrive until 8:45 am. How far away is the province?</p> <p>254.) Mr. Reyes left his home at 7:00 am, drives his car at 50 km/hr and rested for half an hour. What time will he reached Abra which is 600 km away?</p>	<p>250.) $700/1680 = 35/84 \times 60 = 2100/84 = 25\text{minutes}$ $7:45\text{am} - 0:25 = 7:20\text{AM} \leftarrow \text{Ans}$</p> <p>251.) $30\text{mins} + 30\text{mins} + 10\text{ mins} = 70\text{mins or } 1\text{hr } 10\text{mins}$ $8:30 + 1\text{hr } 10\text{mins} = 9:40 \leftarrow \text{Ans}$</p> <p>252.) $7:50\text{ to } 8:00 = 10\text{ mins} \times 30\text{km}/60\text{min} = 5\text{km} \leftarrow \text{Ans}$</p> <p>253.) $D1 = D2$ $t2 = t1 + 45\text{mins(or } 0.75\text{hr)}$ $40\text{kph} \times t1 = 30\text{kph} \times (t1+0.75)$ $40t1 = 30t1+22.5$ $10t1 = 22.5$ $t1 = 22.5/10 = 2.25\text{ hr}$ $40\text{kph} \times 2.25\text{hr} = 90\text{km} \leftarrow \text{Ans}$</p> <p>254.) $600 \div 50 = 12\text{hr} + 30\text{mins}$ $7:00\text{am} + 12\text{hrs} \& 30\text{mins} = 7:30\text{pm} \leftarrow \text{Ans}$</p> <div data-bbox="1187 1360 1528 1623" style="border: 1px solid black; padding: 5px;"> <p>Search in Philippine Civil Service Review for all</p> <p>DISCUSSION CHATS ANNOUNCEMENTS</p> <p>Shie Lato You 1 hour ago • 0</p> <p>FB group join us</p> <p>MOTION PROBLEM</p> <p>Show more</p> <p>MOTION PROBLEM</p> <p>1. The average rate of an employee walking is 1680 meters/hour. If the distance of his office from his house is 700 meters, what will be the latest time that he can leave his house to be able to reach his office at exactly 7:45 am?</p> <p style="text-align: right;">14:36</p> <p>Motion Problem with solutions [Math: speed rate...</p> </div> <p><u>Watch this on youtube for detailed solutions:</u> https://youtu.be/n1LCkR8QX6I</p> <p><u>or search on youtube: “Motion problem Leonalyn”</u></p> <p>-----STRICTLY NOT FOR SALE----- free/LeonalynMTayone</p>

Questions	Answers
<p>255.) Number Analogy: 0.2 to 0.4 as 0.3 is to ____?</p> <p>a. 0.009 b. 0.0009 c. 0.09 d. 0.9 e. 9.0</p> 	<p>255.) $0.3 \times 3 = 0.9$ ←Ans</p> <p>Watch this on youtube for detailed explanation: https://youtu.be/7Uj6em3wiEM</p> <p>or search on youtube: “Number analogy Leonalyn”</p> <p>-----STRICKLY NOT FOR SALE----- free/LeonalynMTayone</p>

READ these INSPIRATIONAL QUOTES...

I hope these words will somehow help motivate you to study, review, pass all exams and be successful in life... and become an inspiration to others...

“Success is no accident. It is hard work, perseverance, learning, studying, sacrifice and most of all, love of what you are doing or learning to do.”

“Success is not final, failure is not fatal; it is the courage to continue that counts.”

“Allow yourself to be a beginner. No one starts off being excellent.”

“Be stronger than your excuses.”

“The earlier you start working on something, the earlier you will see results.”

“You don’t have to be great to start. But you have to start to be great.”

“The distance between dreams and reality is called action.”

“Success is the sum of small efforts, repeated day in and day out.”

“Trust in the LORD with all your heart and lean not on your own understanding.” Pro 3:5

“Seek first the kingdom of God and His righteousness, and all these things will be added unto you.” Mt 6:33

Learning is a lifelong process. It does not stop after you graduate or landed a job of your dream. In fact, the more you learn new things, the more you realized how little you already know. Education can change lives. In fact, if you are educated, you can’t only make your life better, but you can also improve and touch the lives of other people.


I wish you all good luck and success... God bless to all of you...

Sincerely helping you without asking in return,

♥ Leonalyn Mutia-Tayone ♥


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