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Question: A witness with 20/60 vision supplied to the investigating offic...

12. A witness with 20/60 vision supplied to the investigating officer the license plate number of a vehicle involved in a hit-and-run accident. If under the conditions that prevailed at the time of the accident a license plate can be read by a person with 20/20 vision from a distance of 180 ft, what is the maximum distance for which the witness's testimony can be relied upon?

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Expert Answer



Anonymous answered this
382 answers

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Given:

A person 20/20 vision can read from a distance of 180ft.

To convert it into 20/x equivalent, factor

$$is = \frac{180}{20} = 9.$$

for a 20/60 vision:

Multiply 60 with 9

$$\Rightarrow 60 \times 9 = 540.$$

20/60 is equivalent to 20/540

A person with 20/60 vision can read at a maximum distance of 540 ft.

Hence, maximum distance for which the witness's testimony can be relied upon = 540ft.

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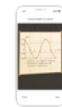
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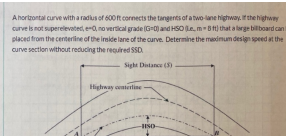
A: [See answer](#)

Q: A witness with 20/60 vision supplied to the investigating officer the license platenumber of a vehicle involved in hi-

A: [See answer](#) 100% (2 ratings)

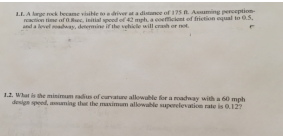
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[See answer](#)

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Q: Question #17

A: [See answer](#)

Q: 12. A witness with 6/18 vision supplied to the investigating officer the license plate number of a vehicle involved in a hit-and-run accident. If under the conditions that prevailed at the time of the accident a license plate can be read by a person with 6/6 vision from a distance of 55 m, what is the maximum distance for which the witness's testimony can be relied upon?

A: [See answer](#)

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