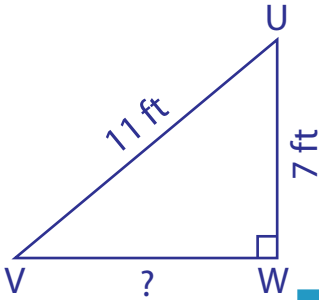


Pythagorean Theorem

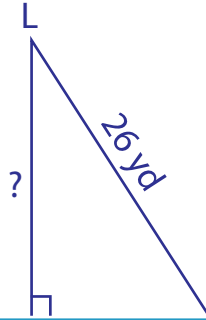
Determine the missing length in each right triangle using the Pythagorean theorem. Round the answer to the nearest tenth.

1)



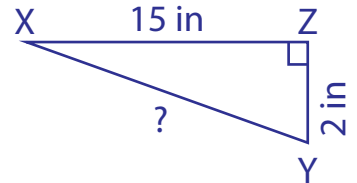
VW = _____

2)



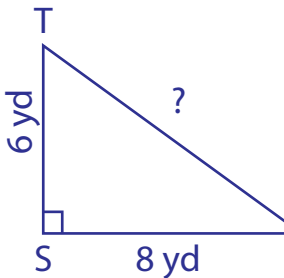
?

3)



XY = _____

4)



TU = _____

PREVIEW

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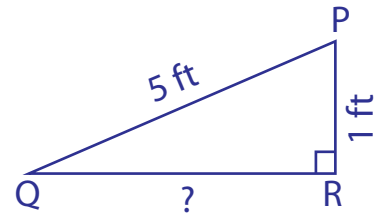
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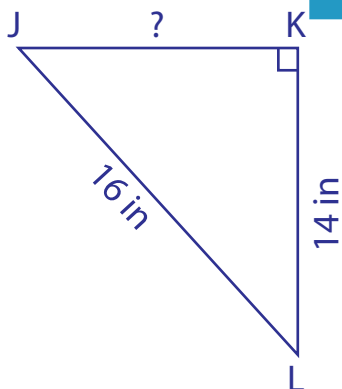
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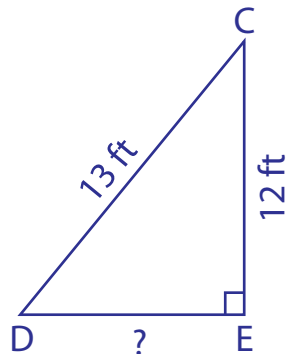


QR = _____

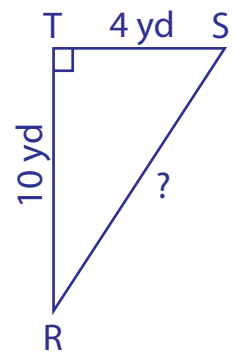
7)



JK = _____



DE = _____



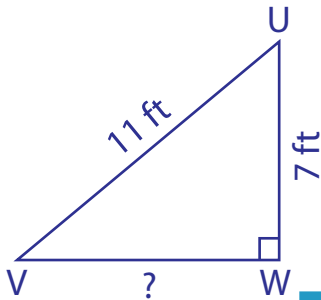
RS = _____

Pythagorean Theorem

Sheet 3

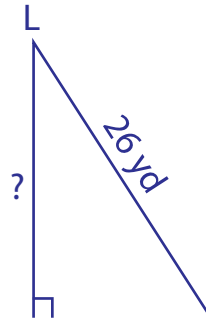
Determine the missing length in each right triangle using the Pythagorean theorem. Round the answer to the nearest tenth.

1)

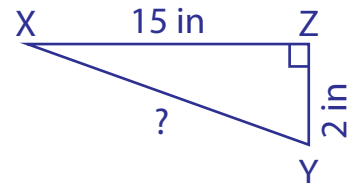


$$VW = \sqrt{72} \approx 8.5 \text{ ft}$$

2)

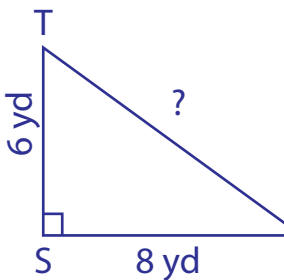


3)



$$XY = \sqrt{229} \approx 15.1 \text{ in}$$

4)



$$TU = 10 \text{ yd}$$

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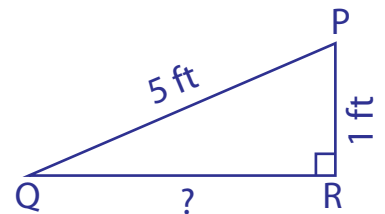
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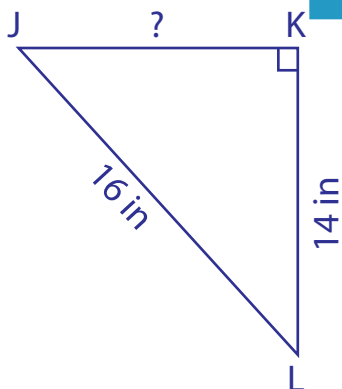
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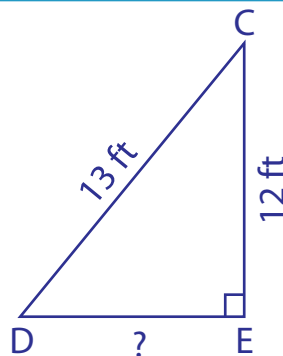


$$QR = \sqrt{24} \approx 4.9 \text{ ft}$$

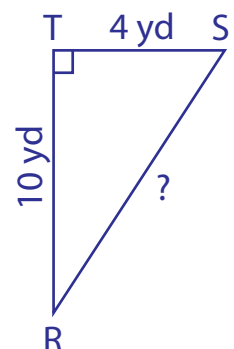
7)



$$JK = \sqrt{60} \approx 7.7 \text{ in}$$



$$DE = 5 \text{ ft}$$



$$RS = \sqrt{116} \approx 10.8 \text{ yd}$$