

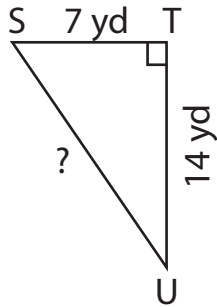
Name : _____

Pythagorean Theorem

Sheet 2

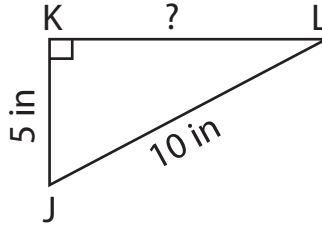
Determine the missing length in each right triangle using the Pythagorean theorem. Round the answer to the nearest tenth.

1)



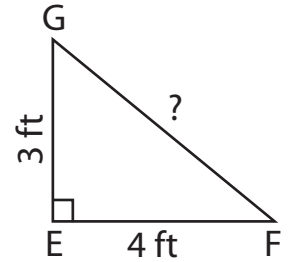
$SU =$ _____

2)

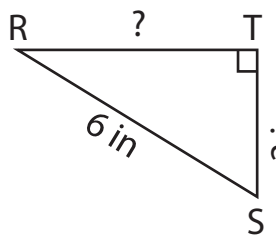


$FG =$ _____

3)



4)



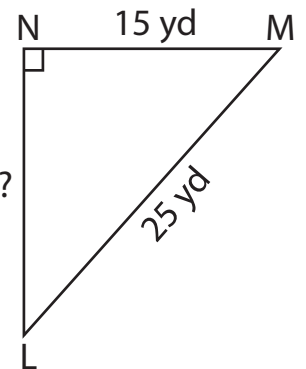
$RT =$ _____

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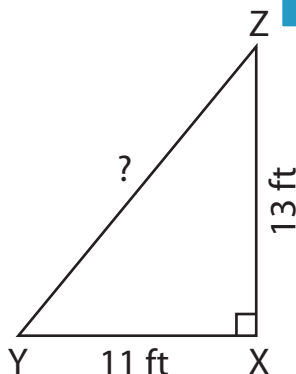
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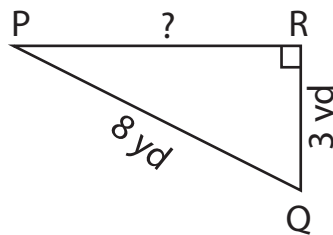


$NL =$ _____

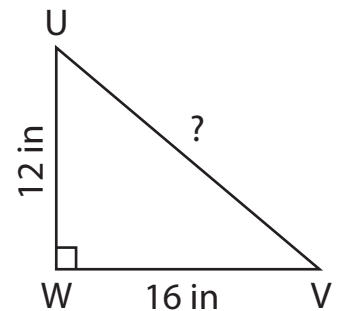
7)



$YZ =$ _____



$PR =$ _____



$UV =$ _____

Name : _____

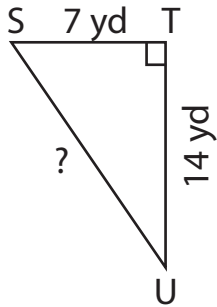
Answer Key

Pythagorean Theorem

Sheet 2

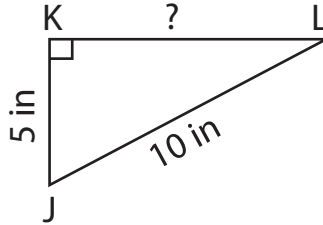
Determine the missing length in each right triangle using the Pythagorean theorem. Round the answer to the nearest tenth.

1)



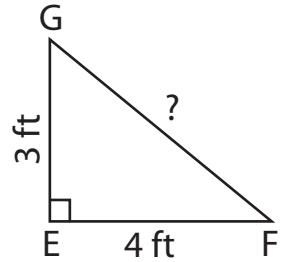
$SU = \sqrt{245} \approx 15.7$

2)

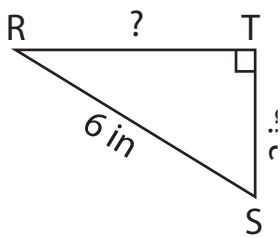


$FG = 5 \text{ ft}$

3)



4)



$RT = \sqrt{32} \approx 5.7 \text{ i}$

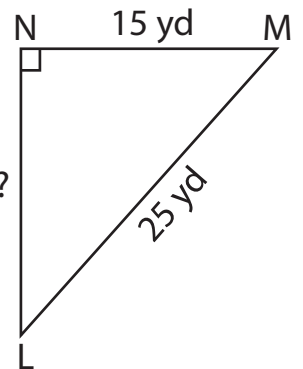
PREVIEW

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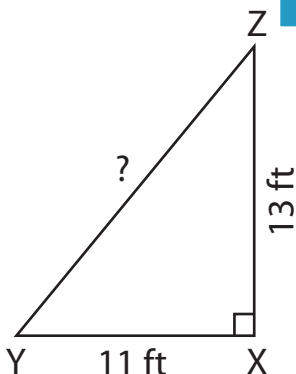
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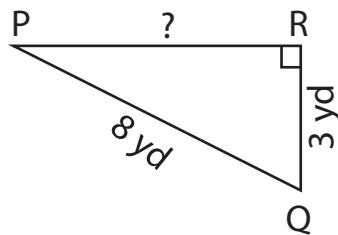


$NL = 20 \text{ yd}$

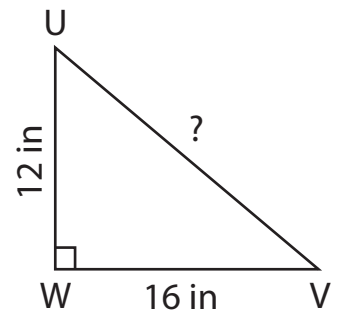
7)



$YZ = \sqrt{290} \approx 17 \text{ ft}$



$PR = \sqrt{55} \approx 7.4 \text{ yd}$



$UV = 20 \text{ in}$