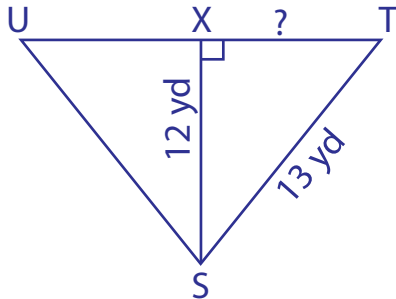


## Pythagorean Theorem - Shapes

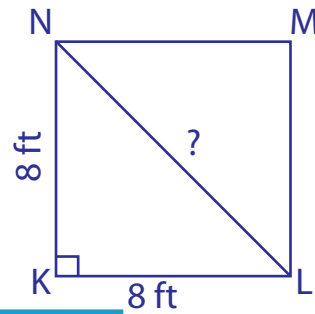
Use the Pythagorean theorem. Find the length of the unknown side in each figure. Round the answer to the nearest tenth.

1)

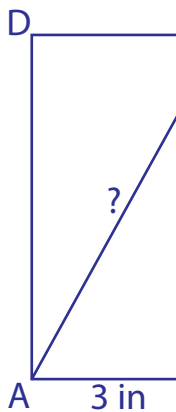


$TX =$  \_\_\_\_\_

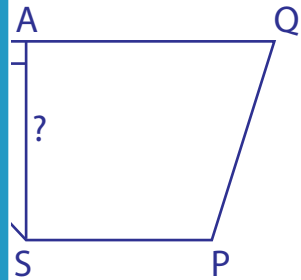
2)



3)



$AC =$  \_\_\_\_\_



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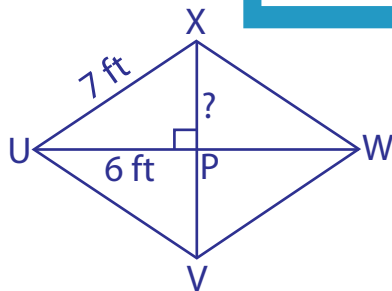
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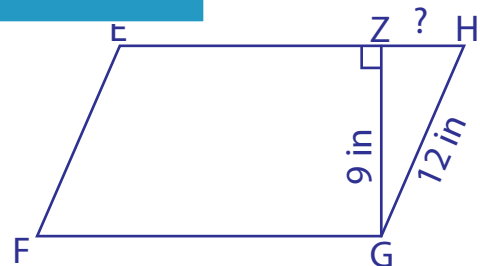
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5)



$XP =$  \_\_\_\_\_



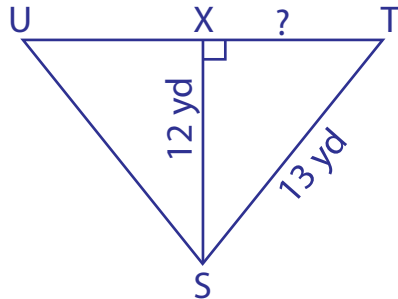
$ZH =$  \_\_\_\_\_

## Pythagorean Theorem - Shapes

Sheet 3

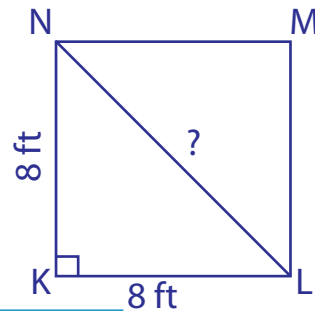
Use the Pythagorean theorem. Find the length of the unknown side in each figure. Round the answer to the nearest tenth.

1)



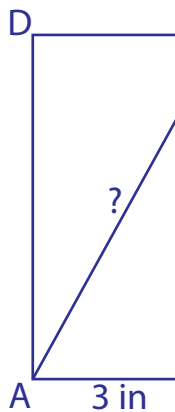
$$TX = \underline{5 \text{ yd}}$$

2)



$$NL = \underline{28 \approx 11.3 \text{ ft}}$$

3)



$$AC = \underline{5 \text{ in}}$$

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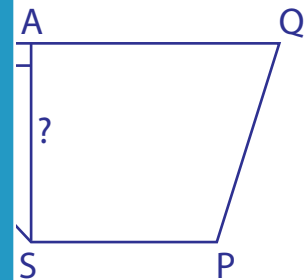
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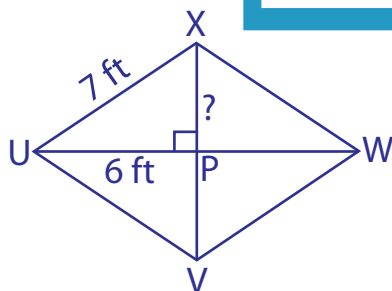
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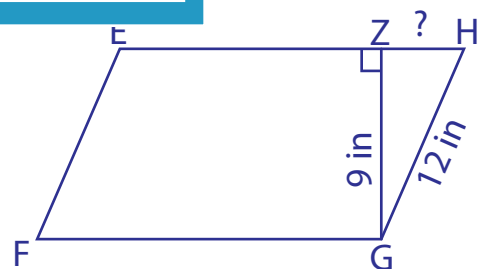


$$SQ = \underline{8 \text{ yd}}$$

5)



$$XP = \underline{\sqrt{13} \approx 3.6 \text{ ft}}$$



$$ZH = \underline{\sqrt{63} \approx 7.9 \text{ in}}$$