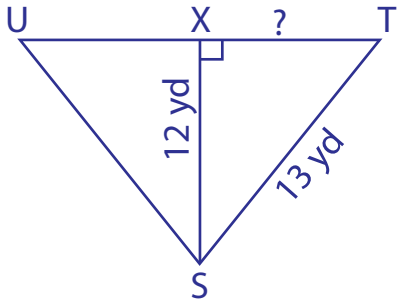
Name : _____ Score : _____

Pythagorean Theorem - Shapes

Sheet 3

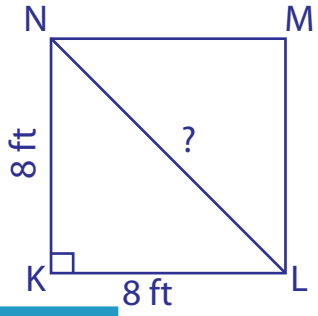
Use the Pythagorean theorem. Find the length of the unknown side in each figure. Round the answer to the nearest tenth.

1)



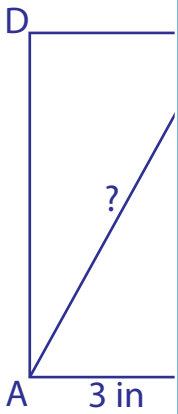
TX = _____

2)

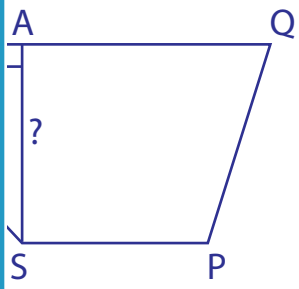


_____

3)

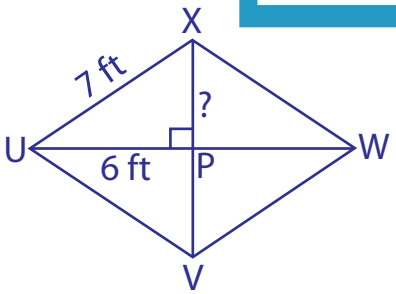


AC = _____

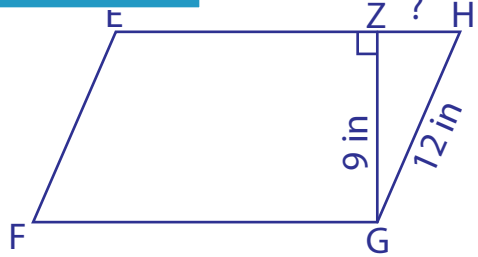


_____

5)



XP = _____



ZH = _____

Name : _____ Score : _____

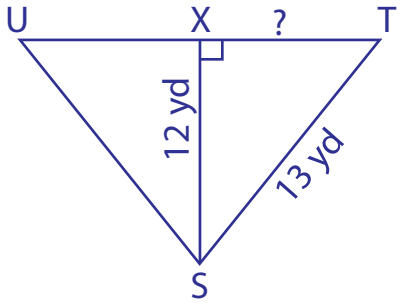
Answer Key

Sheet 3

Pythagorean Theorem - Shapes

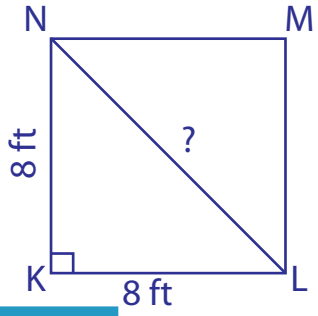
Use the Pythagorean theorem. Find the length of the unknown side in each figure. Round the answer to the nearest tenth.

1)



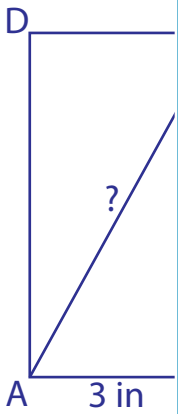
TX = 5 y

2)

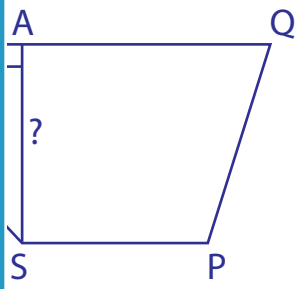


28 ≈ 11.3 ft

3)

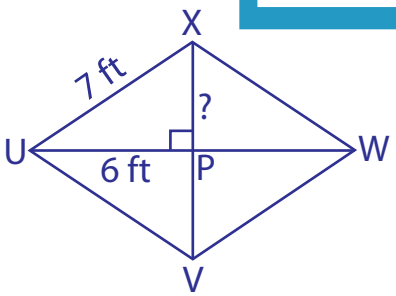


AC = 5 i

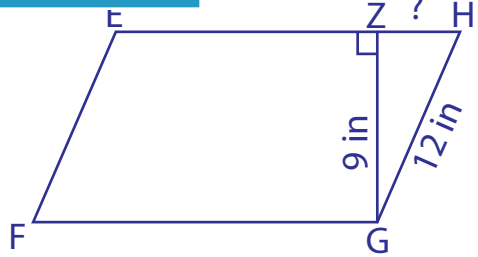


8 yd

5)



XP = √13 ≈ 3.6 ft



ZH = √63 ≈ 7.9 in