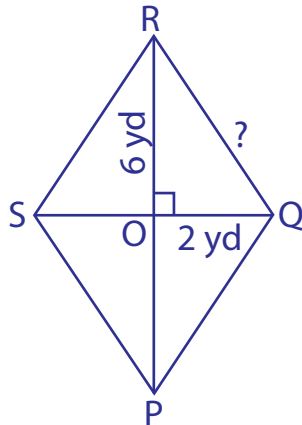


Pythagorean Theorem - Shapes

Sheet 1

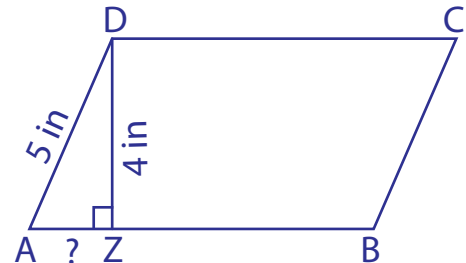
Use the Pythagorean theorem. Find the length of the unknown side in each figure. Round the answer to the nearest tenth.

1)



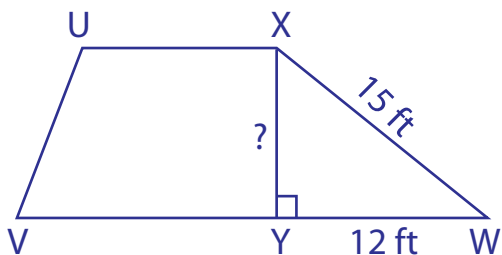
QR = _____

2)



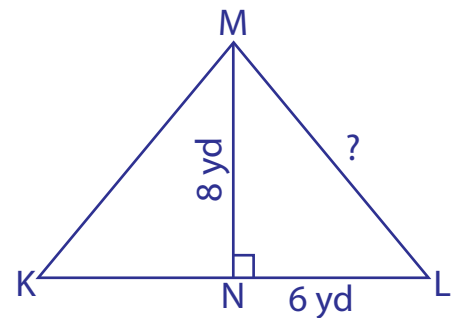
AZ = _____

3)



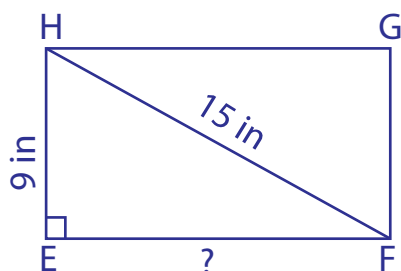
XY = _____

4)



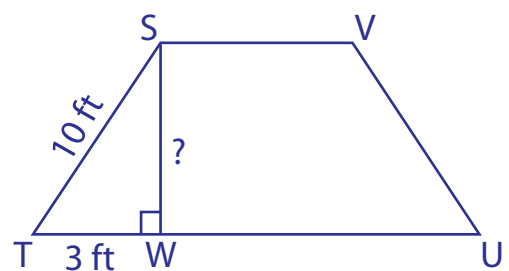
LM = _____

5)



EF = _____

6)

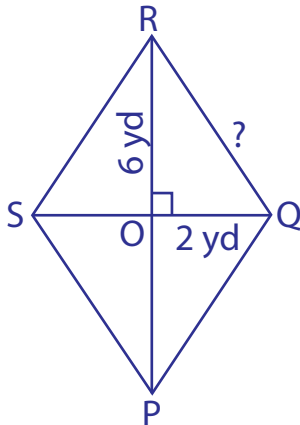


SW = _____

Pythagorean Theorem - Shapes

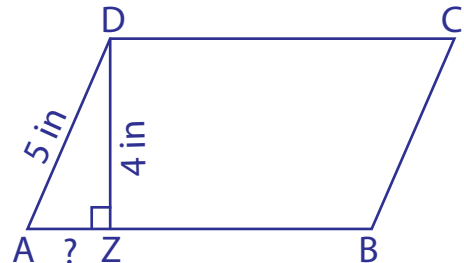
Use the Pythagorean theorem. Find the length of the unknown side in each figure. Round the answer to the nearest tenth.

1)



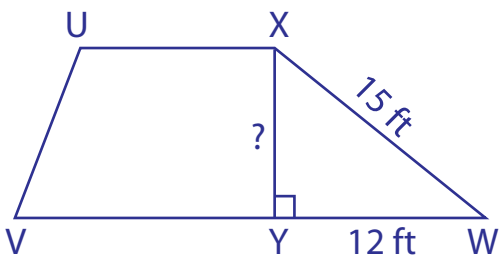
$$QR = \sqrt{40} \approx 6.3 \text{ yd}$$

2)



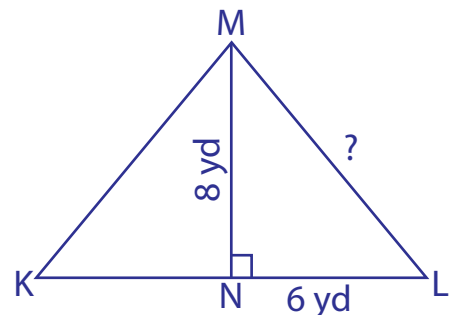
$$AZ = \underline{3 \text{ in}}$$

3)



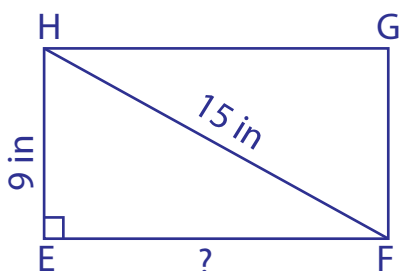
$$XY = \underline{9 \text{ ft}}$$

4)



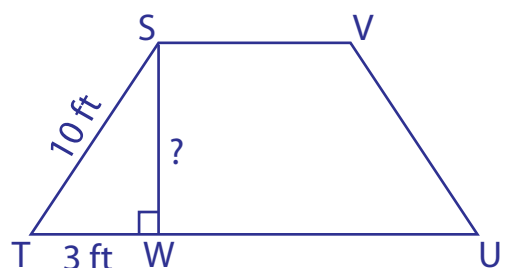
$$LM = \underline{10 \text{ yd}}$$

5)



$$EF = \underline{12 \text{ in}}$$

6)



$$SW = \sqrt{91} \approx 9.5 \text{ ft}$$