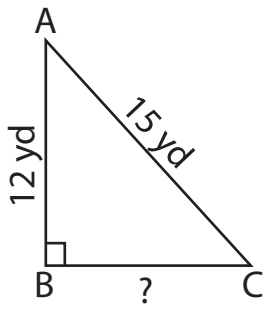
Name : _____

Pythagorean Theorem

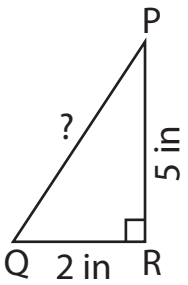
Determine the missing length in each right triangle using the Pythagorean theorem. Round the answer to the nearest tenth.

1)



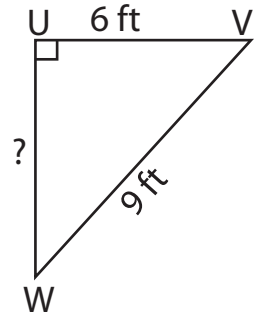
BC = _____

2)



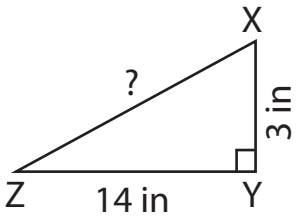
PQ = _____

3)



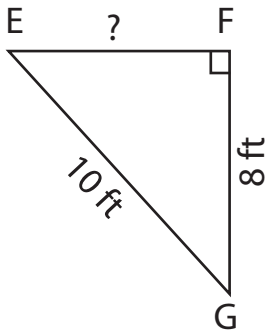
UW = _____

4)



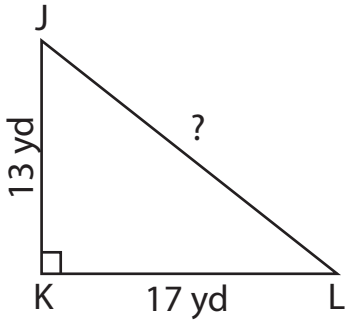
XZ = _____

5)



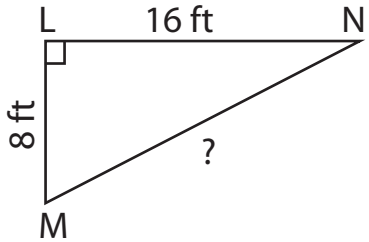
EF = _____

6)



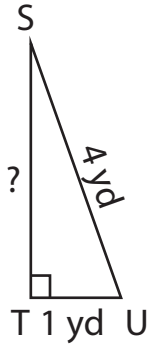
JL = _____

7)



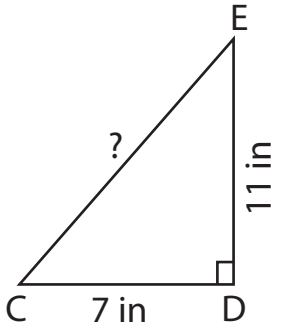
MN = _____

8)



ST = _____

9)



CE = _____

Name : _____

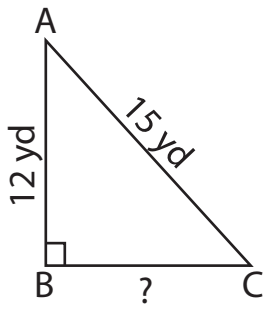
Answer Key

Pythagorean Theorem

Sheet 1

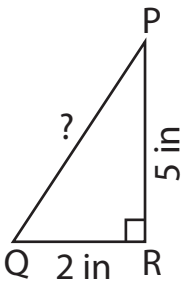
Determine the missing length in each right triangle using the Pythagorean theorem. Round the answer to the nearest tenth.

1)



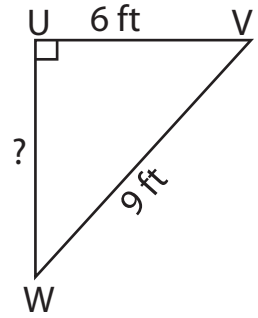
BC = **9 yd**

2)



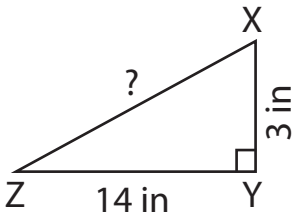
PQ = **$\sqrt{29} \approx 5.4$ in**

3)



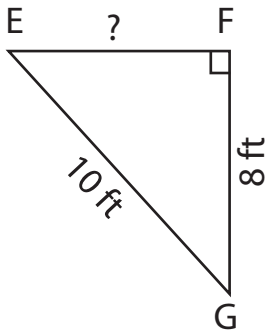
UW = **$\sqrt{45} \approx 6.7$ ft**

4)



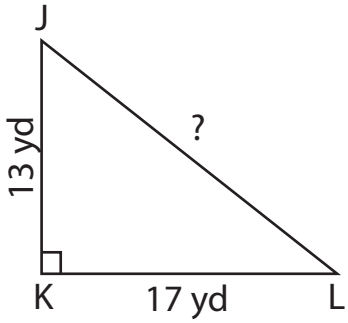
XZ = **$\sqrt{205} \approx 14.3$ in**

5)



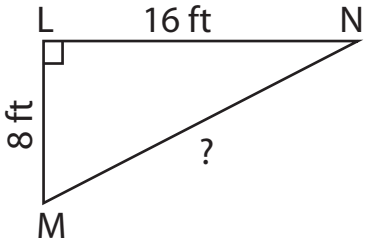
EF = **6 ft**

6)



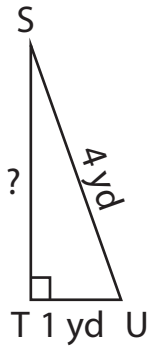
JL = **$\sqrt{458} \approx 21.4$ yd**

7)



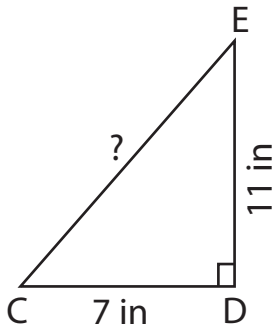
MN = **$\sqrt{320} \approx 17.9$ ft**

8)



ST = **$\sqrt{15} \approx 3.9$ yd**

9)



CE = **$\sqrt{170} \approx 13$ in**