

TEKS 7.13.A



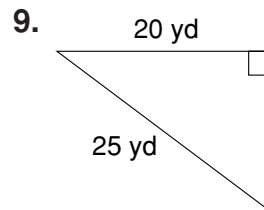
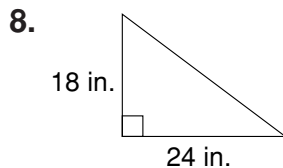
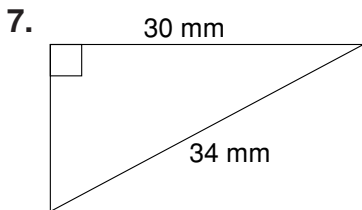
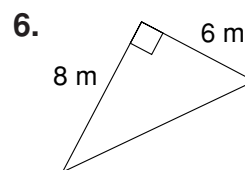
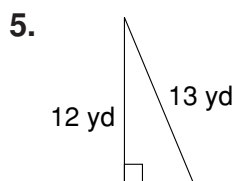
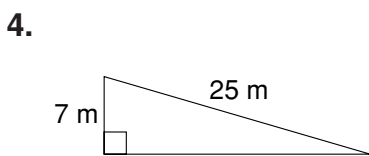
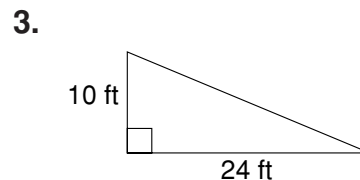
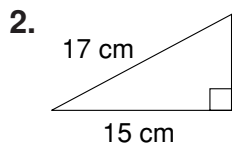
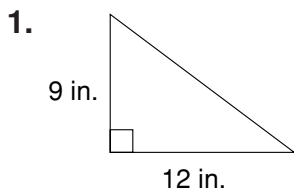
LESSON

9-8

Practice

The Pythagorean Theorem

Use the Pythagorean Theorem to find each missing measure.



10. A 20-ft ladder is leaning against a wall. If the ladder is 12 ft from the base of the wall, how high above the ground does the ladder touch the wall? _____

11. A checkerboard is 10 inches long on each side. What is the length of the diagonal from one corner to another? Round your answer to the nearest tenth. _____

12. Chang lives 8 miles east of the school. Deborah lives 12 miles south of the school. Approximately how far apart are Chang's and Deborah's homes? Round your answer to the nearest tenth. _____

13. A rectangle is 26 meters long and 18 meters wide. What is the length of the diagonal of the rectangle to the nearest meter? _____