

Name: _____ Date: _____

The Pythagorean Theorem Vocabulary Matching Activity

1. The shortest sides of a right triangle. A. Square Root
2. Carrion leaves school to go home. He walks 6 blocks north and then 8 blocks west. How far is Carrion from the school? (Hint draw a picture) B. Ten
3. A suitcase measures 24 inches long and 18 inches high. What is the diagonal length of the suitcase to the nearest tenth of a foot? (hint draw a picture) C. Hypotenuse
4. The longest side of a right triangle. D. NinePointFour
5. Who created the Pythagorean Theorem? E. Pythagorean Theorem
6. . Darnell's dog house is shaped like a tent. The slanted side is 5 feet long and the bottom of the house is 6 feet long across. What is the height of his dog house, in feet at its tallest point? (hint draw a picture) F. Pythagoras
7. What geometrical figure measures 90 degrees? G. Pythagorean Triples
8. Two joggers run 8 miles north and then 5 miles west. What is the shortest distance, to the nearest tenth of a mile, they must travel to return to their starting point? (hint draw a picture) H. Right Triangle
9. The little box in the corner of a right triangle measures how many degrees? I. TwoPointFive
10. What is $a^2+b^2=c^2$ called? J. Legs
11. A number that produces a specific quantity when multiplied by itself. K. Four
12. What are 3, 4, and 5 called? L. Ninety