

## Pythagorean Theorem Worksheet

Heading:

**Draw a right triangle and label the legs, and hypotenuse. Then, state the Pythagorean theorem.**

**In a right triangle where  $a$  and  $b$  are the legs and  $c$  is the hypotenuse, use the given information to find the missing side. SHOW ALL STEPS. Write the best approximate for each problem.**

1.  $a = 12, b = 16$

6.  $a = 4, b = 6$

2.  $a = 3, b = 8$

7.  $a = 11, b = 19$

3.  $a = 6, b = 7$

8.  $a = 20, b = 22$

4.  $a = 9, b = 15$

9.  $a = 8, b = 14$

5.  $a = 10, b = 17$

10.  $a = 25, b = 26$