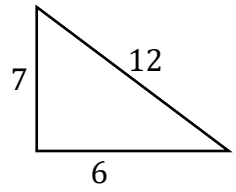
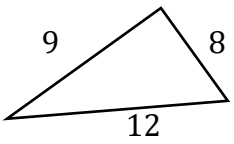
NAME: _____ SCORE: _____

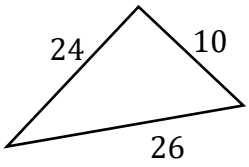
PYTHAGOREAN THEOREM SKILL REVIEW

INSTRUCTIONS: Use the Pythagorean theorem to decide if each triangle is a right triangle.

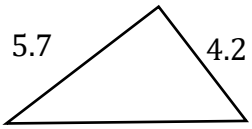
1. 

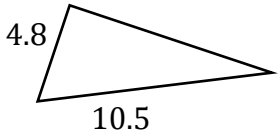
$a^2 + b^2 = c^2$
$7^2 + 6^2 = 12^2$
$49 + 36 = 144$
$85 = 169$
NO

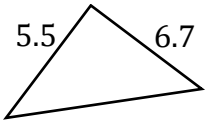
2. 

3. 

INSTRUCTIONS: Use the Pythagorean theorem to find the length of the missing side of the right triangle. Round to the nearest tenth.

4. 

5. 

6. 

INSTRUCTIONS: Use the Pythagorean theorem to find the length of the missing side of the right triangle. Round to the nearest tenth.

7. a = ____ b = 8.5 c = 9.1

8. a = 3.7 b = ____ c = 8.3

9. a = 6.3 b = 7.2 c = ____

INSTRUCTIONS: Find the third number that would make the length of the hypotenuse of a right triangle. Round to the nearest tenth.

10. 4.5, 12

11. 4, 5

12. 7.5, 6.8