

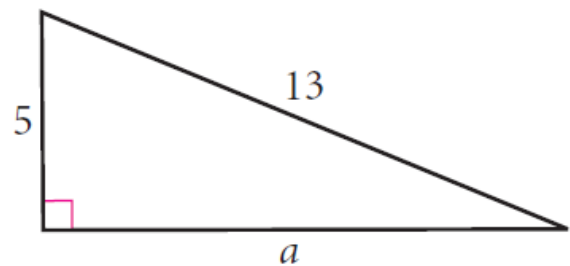
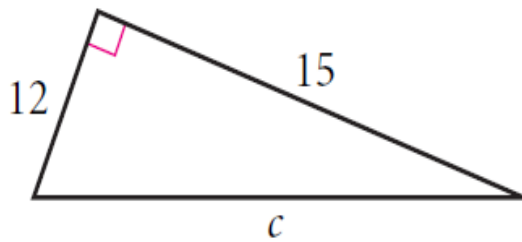
Name: _____

Target 9a: I can simplify radical expressions

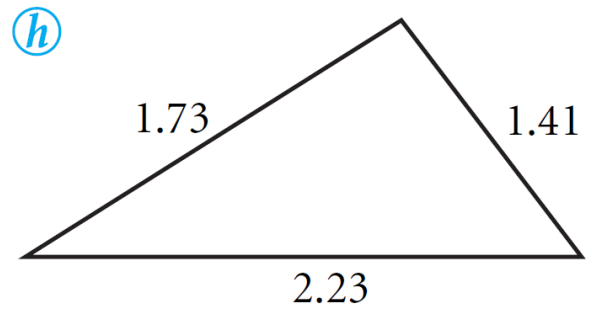
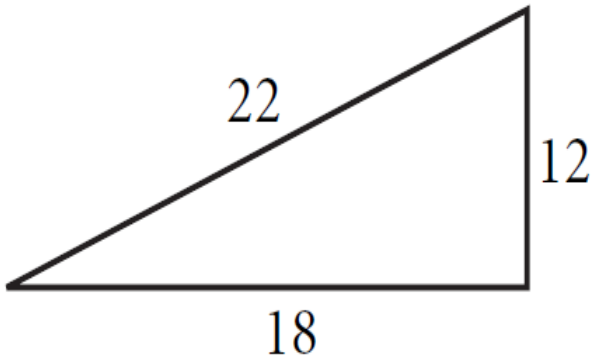
$$\sqrt{75}$$

$$7\sqrt{18} + 5\sqrt{50}$$

Target 9b: I can apply the Pythagorean theorem to find unknown side lengths

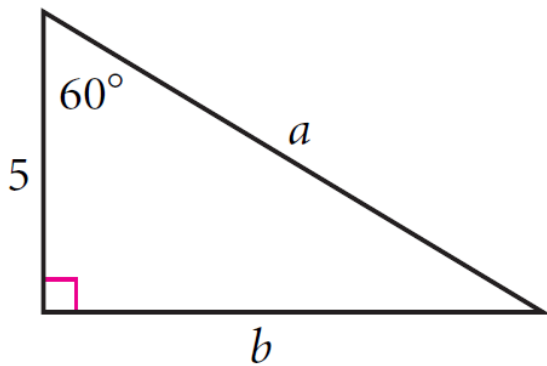


Target 9c: I can apply the converse of the Pythagorean theorem to classify triangles as acute, obtuse or right.

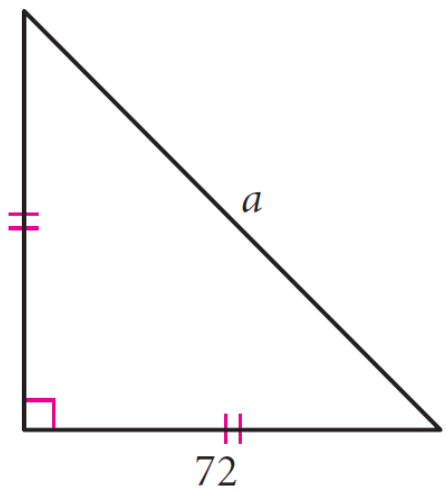


Target 9d: I can apply special right triangle conjectures to determine unknown side lengths.

$$a = \underline{\quad?}, b = \underline{\quad?}$$



$$a = \underline{\quad?}$$



Target 9e: I can calculate the distance between two points in coordinate geometry.

What is the distance between the points (15,37) & (42,73)

Target 9f: I can write an equation of a circle

1) What is the equation of the circle whose center is located at (16,-12) with a radius of 2.

2) Graph the following

$$(x + 2)^2 + (y + 1)^2 = 16$$

