

## Square Root Extra Practice 2

Solve for x.

1.  $\sqrt{x} = 7$

2.  $2 + \sqrt{x} = 5$

3.  $4\sqrt{x} = 20$

4.  $\sqrt{2x} = 6$

5.  $\sqrt{x+3} = 8$

6.  $\sqrt{x-2} - 1 = 4$

Solve for x. The <sup>2</sup> is reminding you that there are 2 answers for x. Write  $\emptyset$  if there is no real answer.

7.  $x^2 = 16$

8.  $x^2 = 5$

9.  $3x^2 = 75$

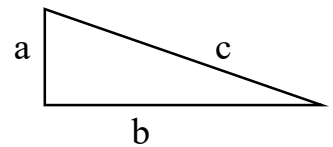
10.  $-4x^2 = 16$

11.  $x^2 - 12 = 23$

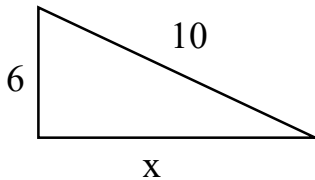
12.  $2x^2 - 5 = 67$

Use Pythagorean's Theorem to solve for the missing side.

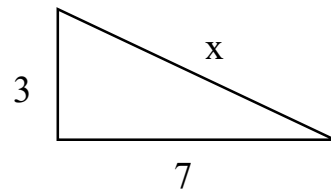
$$a^2 + b^2 = c^2$$



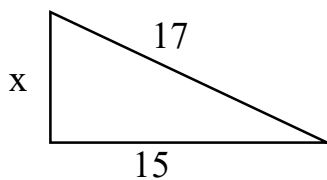
13.



15.



14.



16.

