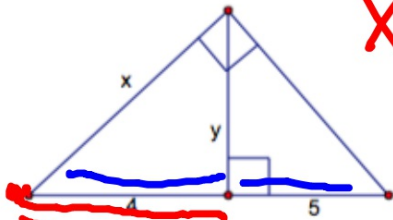


Questions

**Example 3:**

Solve for  $x$  and  $y$ .



$$x^2 = 4(4+5)$$

$$x^2 = 4(9)$$

$$\sqrt{x^2} = \sqrt{36}$$

$$x = 6$$

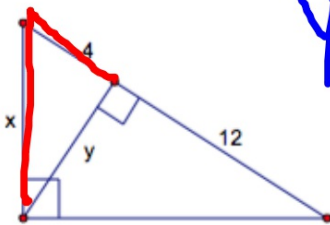
$$y^2 = 4 \cdot 5$$

$$y^2 = 20$$

$$y = \sqrt{20} = 4.47$$

**Example 4:**

Solve for  $x$  and  $y$ .



$$x = 8$$

$$y = \sqrt{48} = 6.93$$

$$x^2 = 4(4+12)$$

$$y^2 = 4 \cdot 12$$