

data     •     •  
 S T Q Q S S D

$$7) x^2 = 0,5^2 + 1,2^2$$

$$x^2 = 0,25 + 1,44$$

$$x = \sqrt{1,69} = 1,3 \text{ m}$$

letra B

$$8) 8^2 = 4^2 + y^2$$

$$y^2 = 48$$

$$y = \sqrt{48}$$

$$y = 4\sqrt{3} \text{ m}$$

$$13^2 = 2^2 + (4\sqrt{3})^2$$

$$169 = 4 + 16 \cdot 3$$

$$121 = 2^2$$

$$2 = \sqrt{121} = 11 \text{ m}$$

letra B

$$x = 11 - 4 = 7$$

data  
S I Q G S S

### Tarea básica

$$1) x^2 = (\sqrt{3})^2 + (\sqrt{4})^2$$

$$\text{Letra B}$$

$$2) 10^2 = 6^2 + x^2$$

$$x^2 = 64$$

$$x = \sqrt{64} = 8 \text{ m}$$

$$3) y^2 = 2^2 + 1^2 +$$

$$y = \sqrt{5}$$

$$3^2 = (\sqrt{3})^2 + x^2$$

$$x^2 = 4$$

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

$$4) z^2 = a^2 + a^2$$

$$z = \sqrt{2a^2}$$

$$y^2 = a^2 + (\sqrt{2a^2})^2$$

$$y = \sqrt{3a^2}$$

$$\text{Letra B}$$

$$5) 6^2 = 2^2 + x^2$$

$$32 = x^2$$

$$x = \sqrt{32} = 4\sqrt{2}$$

$$\text{Letra C}$$

$$6) y^2 = 8^2 + 6^2$$

$$y = 100$$

$$y = \sqrt{100} = 10 \text{ m}$$

$$10^2 = x^2 + (2x)^2$$

$$100 = x^2 + 4x^2$$

$$100/5 = x^2$$

$$x = \sqrt{20} = 2\sqrt{5}$$

$$\text{Letra A}$$

$$\text{Letra A}$$