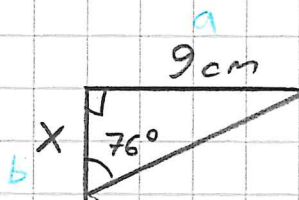


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S.59

a)



$$\tan 76^\circ = \frac{9}{x}$$

$\parallel \cdot x$

$$4,011 \cdot x = 9$$

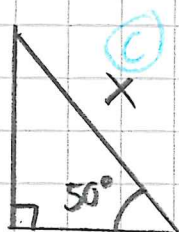
$\parallel : 4,011$

$$x = \frac{9}{4,011}$$

$$x = 2,243...$$

$$x \approx 2 \text{ cm}$$

b)



$$\cos 50^\circ = \frac{13}{x}$$

$\parallel \cdot x$

$$0,643 \cdot x = 13$$

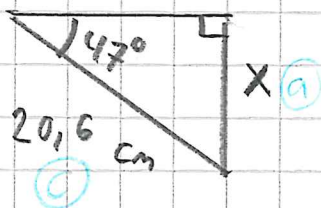
$\parallel : 0,643$

$$x = \frac{13}{0,643}$$

$$x = 20,21...$$

$$x \approx 20 \text{ m}$$

c)



$$\sin 47^\circ = \frac{x}{20,6}$$

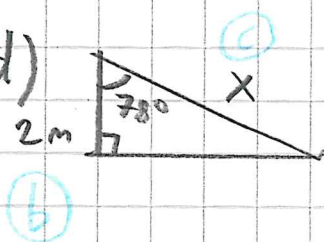
$\parallel \cdot 20,6$

$$0,731 \cdot 20,6 = x$$

$$x = 15,05...$$

$$x \approx 15,1 \text{ cm}$$

d)



$$\cos 78^\circ = \frac{2}{x}$$

$\parallel \cdot x$

$$0,208 \cdot x = 2$$

$\parallel : 0,208$

$$x = \frac{2}{0,208}$$

$$x = 9,61...$$

$$x \approx 10 \text{ m}$$