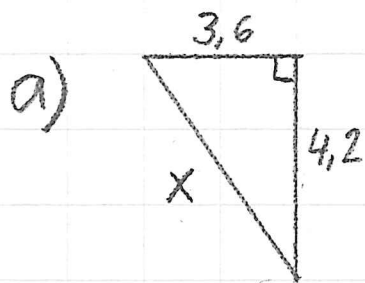


s.68

276



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

$$3,6^2 + 4,2^2 = x^2$$

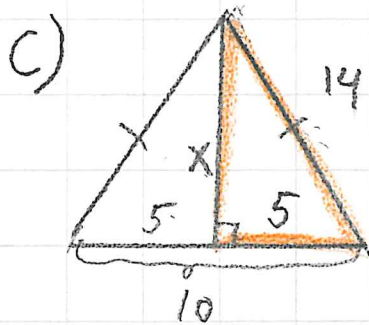
$$12,96 + 17,64 = x^2$$

$$30,6 = x^2$$

$$x = \sqrt{30,6}$$

$$x = 5,531\dots$$

$$x \approx 5,5$$



$$x^2 + 5^2 = 14^2$$

$$x^2 + 25 = 196 \quad \parallel -25$$

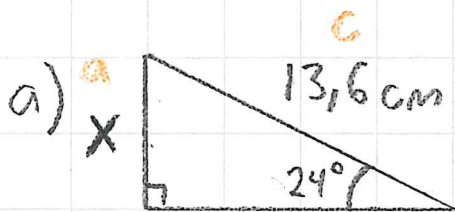
$$x^2 = 171$$

$$x = \sqrt{171}$$

$$x = 13,07\dots$$

$$x \approx 13$$

282

LASKIN:
[sin 24]

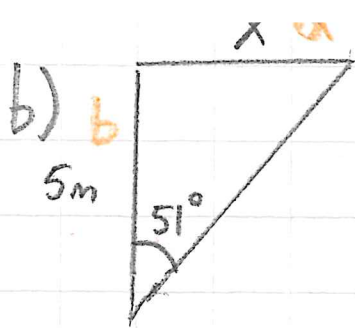
$$\sin 24^\circ = \frac{x}{13,6}$$

$$\approx 0,4067 = \frac{x}{13,6} \quad \parallel \cdot 13,6$$

$$0,4067 \cdot 13,6 = x$$

$$x = 5,53\dots$$

$$x \approx 5,5 \text{ cm}$$



$$\tan 51^\circ = \frac{x}{5}$$

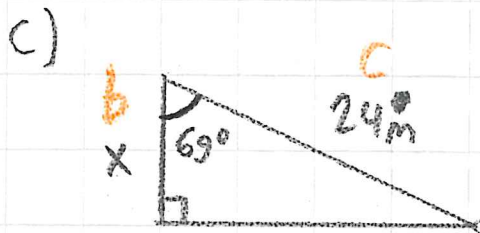
$$\approx$$

$$1,2349 = \frac{x}{5} \quad \parallel \cdot 5$$

$$1,2349 \cdot 5 = x$$

$$x = 6,17\dots$$

$$x \approx 6,2 \text{ m}$$



$$\cos 69^\circ = \frac{x}{24}$$

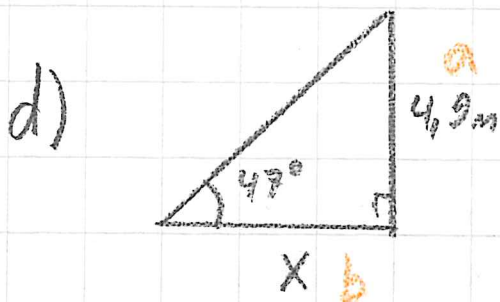
$$\approx$$

$$0,358 = \frac{x}{24} \quad \parallel \cdot 24$$

$$0,358 \cdot 24 = x$$

$$x = 8,592$$

$$x \approx 8,6 \text{ m}$$



$$\tan 47^\circ = \frac{4,9}{x}$$

$$\approx$$

$$1,072 = \frac{4,9}{x} \quad \parallel \cdot x$$

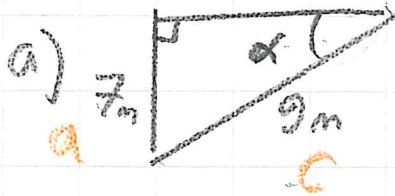
$$1,072 \cdot x = 4,9 \quad \parallel : 1,072$$

$$x = \frac{4,9}{1,072}$$

$$x = 4,57\dots$$

$$x \approx 4,6 \text{ m}$$

290



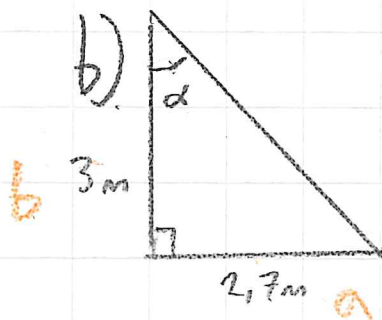
$$\sin \alpha = \frac{7}{9}$$

$$\sin \alpha \approx 0,778$$

$$\alpha = 51,07...^\circ$$

$$\alpha \approx 51^\circ$$

LASKIN!
 $\sin^{-1} 0,778$

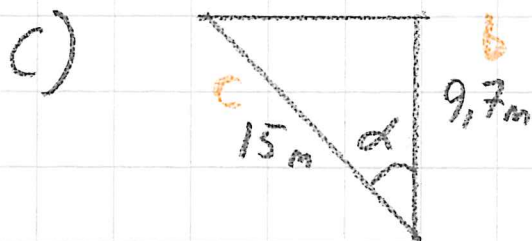


$$\tan \alpha = \frac{2,7}{3}$$

$$\tan \alpha = 0,9$$

$$\alpha = 41,98...^\circ$$

$$\alpha \approx 42^\circ$$

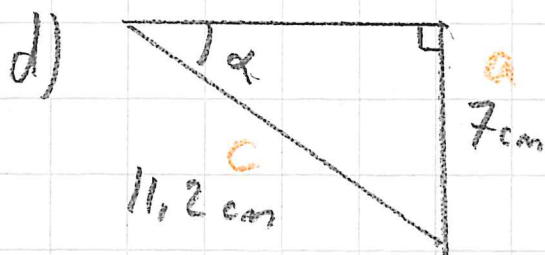


$$\cos \alpha = \frac{9,7}{15}$$

$$\cos \alpha \approx 0,647$$

$$\alpha = 49,68...^\circ$$

$$\alpha \approx 50^\circ$$



$$\sin \alpha = \frac{7}{11,2}$$

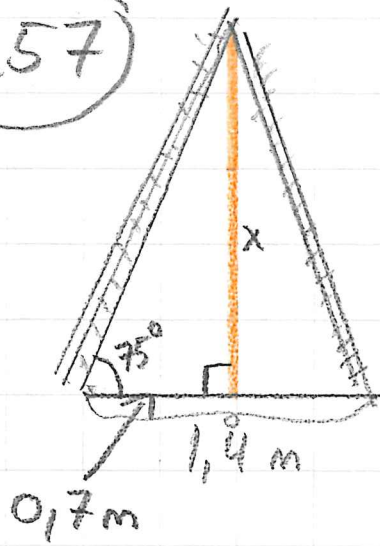
$$\sin \alpha = 0,625$$

$$\alpha = 38,68...^\circ$$

$$\alpha \approx 39^\circ$$

5,65

257



$$\tan 75^\circ = \frac{x}{0,7}$$

$$\approx 3,732 = \frac{x}{0,7} \quad || \cdot 0,7$$

$$3,732 \cdot 0,7 = x$$

$$x = 2,6124$$

$$x \approx 2,6 \text{ m}$$