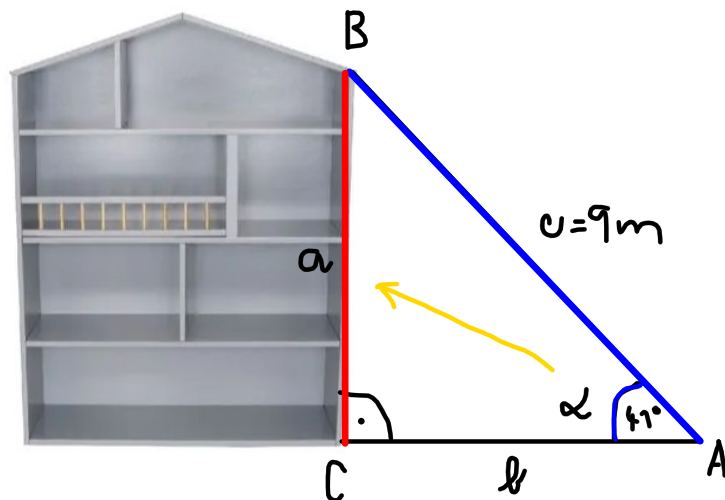


# PŘÍKLAD 1: SIN

přístřešek



$$0,656 \cdot 9$$

$$\frac{a}{9} \cdot 9 = a$$

$$\sin \alpha = \frac{a}{c}$$

$$\sin 41^\circ = \frac{a}{9}$$

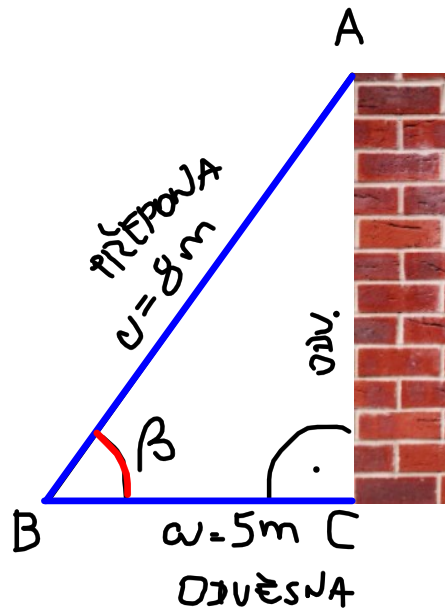
$$0,656 = \frac{a}{9} \quad | \cdot 9$$

$$5,904 = a$$

$$\underline{\underline{a = 5,9 \text{ m}}}$$

# PŘÍKLAD 2: COS

žebřík



$$\cos \beta = \frac{\text{PŘILEHLÁ ODVĚSNA}}{\text{PŘEPONA}}$$

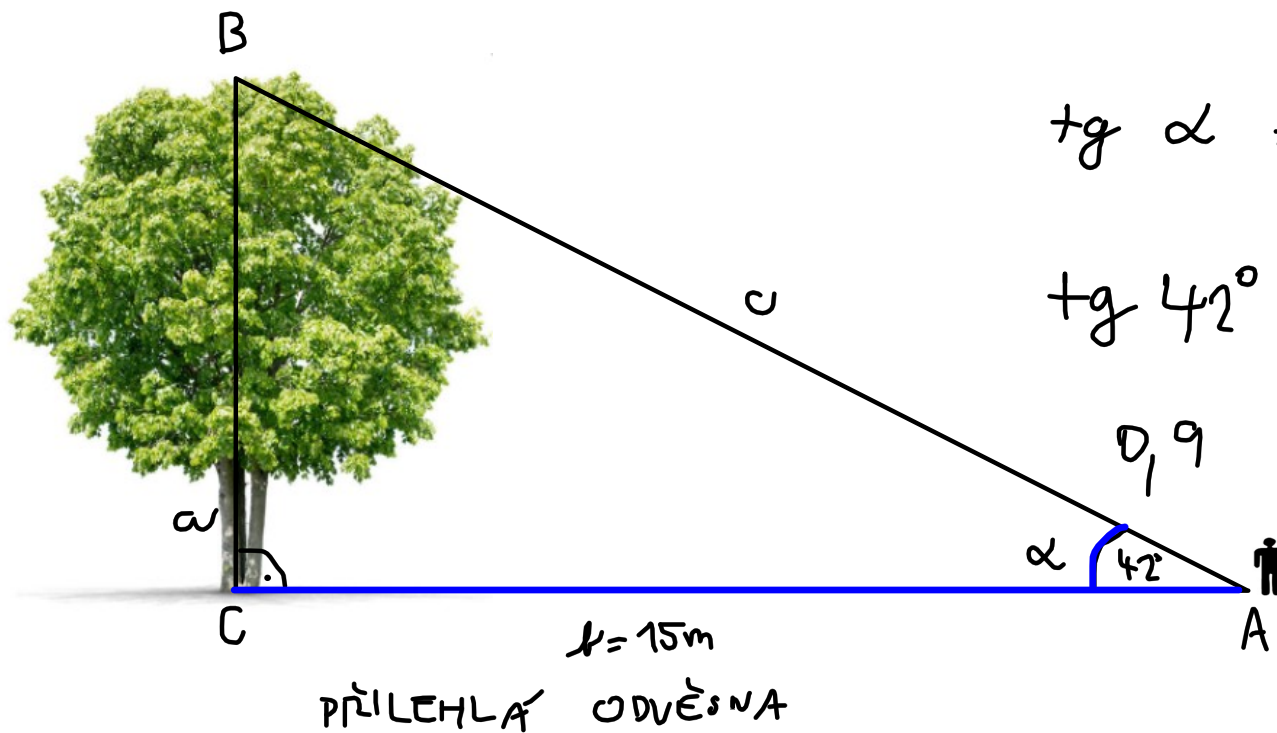
$$\cos \beta = \frac{5}{8}$$

$$\cos \beta = 0,625$$

$$\underline{\underline{\beta = 51^\circ}}$$

## PŘÍKLAD 3: TAN

strom



$$\operatorname{tg} \alpha = \frac{a}{b}$$

$$\operatorname{tg} 42^\circ = \frac{a}{15}$$

$$0,9 = \frac{a}{15} \quad | \cdot 15$$

$$\underline{\underline{a = 13,5\text{m}}}$$