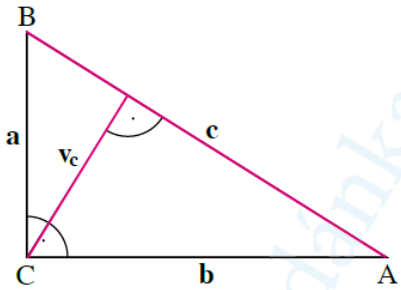
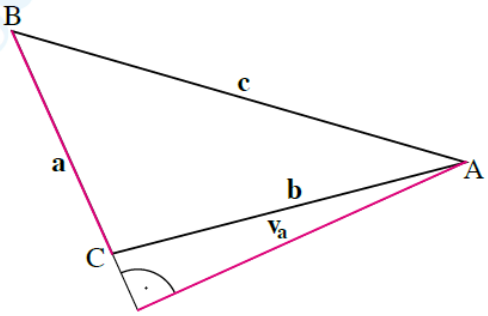
A-3. Vypočítejte **obsah** trojúhelníku. **Barevně** vytáhněte stranu a příslušnou výšku.

a) **c** = **7,2** cm, $\mathbf{v_c}$ = **4,8** cm



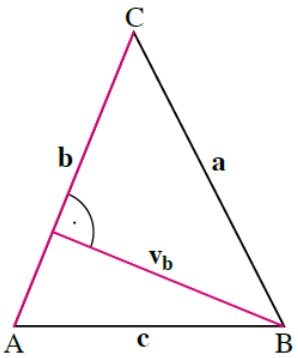
$$S = \frac{c \cdot v_c}{2}$$
$$S = \frac{7{,}2 \cdot 4{,}8}{2}$$
$$S = 17{,}28\ cm^2$$

b) **a** = **6,3** dm, $\mathbf{v_a}$ = **7,4** dm



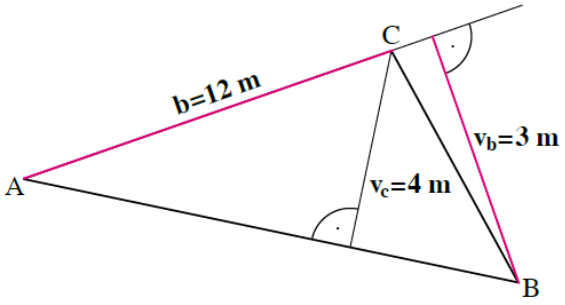
$$S = \frac{a \cdot v_a}{2}$$
$$S = \frac{6{,}3 \cdot 7{,}4}{2}$$
$$S = 23{,}31\ dm^2$$

c) **b** = **5,4** m, $\mathbf{v_b}$ = **4,8** m



$$S = \frac{b \cdot v_b}{2}$$
$$S = \frac{5{,}4 \cdot 4{,}8}{2}$$
$$S = 12{,}96\ m^2$$

A-4. Vypočítejte **obsah** trojúhelníku. **Barevně** vytáhněte stranu a příslušnou výšku.



$$S = \frac{b \cdot v_b}{2}$$
$$S = \frac{12 \cdot 3}{2}$$
$$S = 18\ m^2$$

A-5. Vypočítejte **obsah pravoúhlého** trojúhelníku **ABC** s odvěsnami:

a) **a** = **7** cm, **b** = **6,5** cm

$$S = \frac{a \cdot b}{2}$$
$$S = \frac{7 \cdot 6{,}5}{2}$$
$$S = 22{,}75\ cm^2$$

b) **a** = **7,4** dm, **b** = **5** dm

$$S = \frac{a \cdot b}{2}$$
$$S = \frac{7{,}4 \cdot 5}{2}$$
$$S = 18{,}5\ dm^2$$

c) **a** = **0,2** dm, **b** = **80** mm

$$S = \frac{a \cdot b}{2}$$
$$S = \frac{20 \cdot 80}{2}$$
$$S = 800\ mm^2 = 0{,}08\ dm^2$$

1)
a) S = 20 cm^2
b) S = 10,5 cm^2
c) S = 8,4 mm^2
d) S = 0,12 mm^2

2)
a) S = 15cm^2
b) S =17,68m^2
c) S = 9,72 dm^2

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