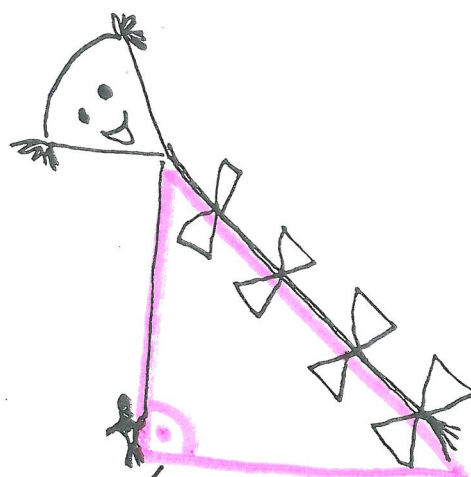
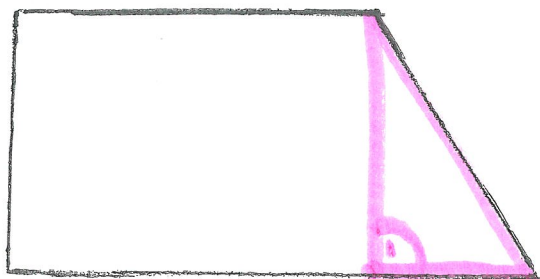
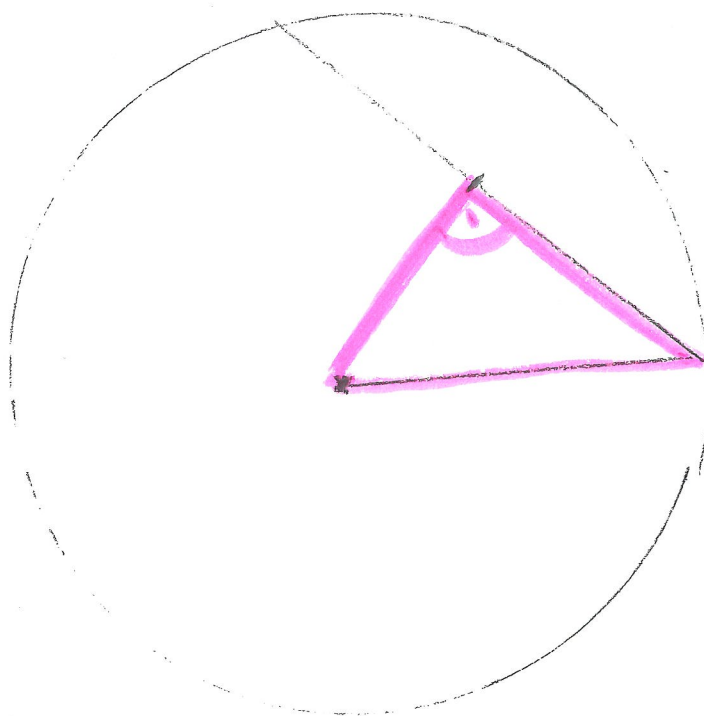
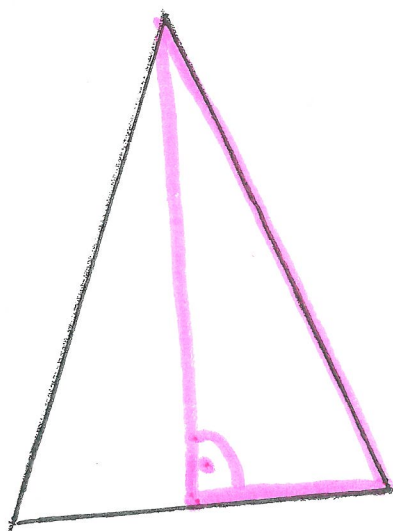
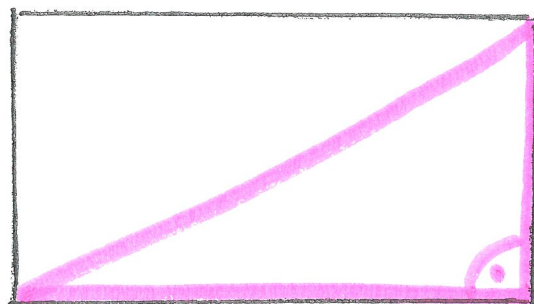
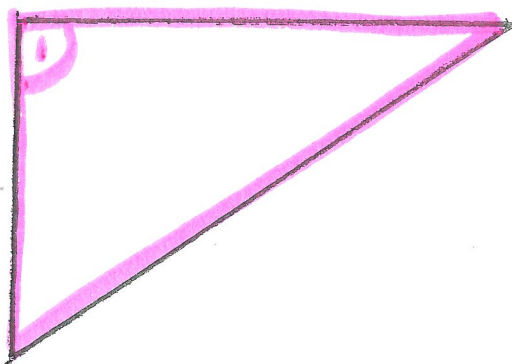


úhly - křivky (mohou být u některých oblouků i jiné varianty)

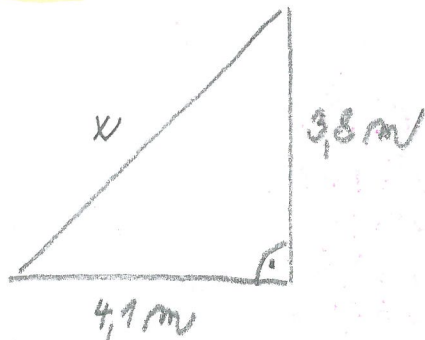


úhly postavy lze namalovat

H₈

Přesně: ♥

PS 21/6



$$x^2 = 4,1^2 + 3,8^2$$

$$x^2 = 16,81 + 14,44$$

$$x^2 = 31,25$$

$$x = \sqrt{31,25}$$

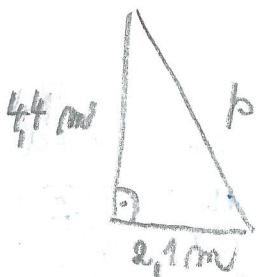
$$x = 5,59 \text{ m} + 30 \text{ cm} = 5,89 \text{ m}$$

na upevnění

$$= \underline{\underline{5,89 \text{ m}}}$$

Délka náležu pro podání
má být asi 6 m.

PS 21/7



$$p^2 = 4,4^2 + 2,1^2$$

$$p^2 = 19,36 + 4,41$$

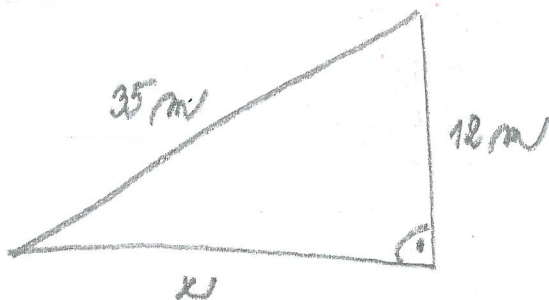
$$p^2 = 23,77$$

$$p = \sqrt{23,77}$$

$$p = \underline{\underline{4,9 \text{ m}}}$$

Délka podpůry je
asi 4,9 m.

PS 22/10



$$x^2 = 35^2 - 12^2$$

$$x^2 = 1225 - 144$$

$$x^2 = 1081$$

$$x = \sqrt{1081}$$

$$x = \underline{\underline{32,9 \text{ m}}}$$

Dominant upevnění lano se vzdáleností 32,9 m.

PS 25/10

$$S = a \cdot r$$

$$S = 2 \cdot 2$$

$$S = 4 \text{ cm}^2$$

$$\sigma = 2 \cdot (a+b)$$

$$\sigma = 2 \cdot (2+2,2)$$

$$\sigma = 8,4 \text{ cm}$$

$$S = \frac{(a+c) \cdot r}{2}$$

$$S = \frac{(2+1) \cdot 3}{2}$$

$$S = 4,5 \text{ cm}^2$$

$$\sigma = a+b+c+d$$

$$\sigma = 2+3+1+3,2$$

$$\sigma = 9,2 \text{ cm}$$

$$b^2 = 1^2 + 2^2$$

$$b^2 = 1 + 4$$

$$b^2 = 5, b = \sqrt{5}$$

$$b = 2,2 \text{ cm}$$

$$d^2 = 1^2 + 3^2$$

$$d^2 = 1 + 9$$

$$d^2 = 10$$

$$d = \sqrt{10}$$

$$d = 3,2 \text{ cm}$$

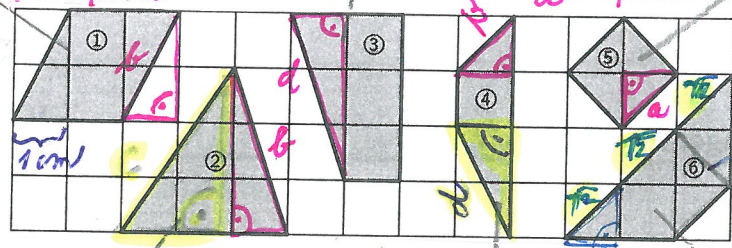
$$a^2 = 1^2 + 1^2$$

$$a^2 = 1 + 1$$

$$a^2 = 2$$

$$a = \sqrt{2}$$

$$a = 1,4 \text{ cm}$$



$$S = a^2$$

$$S = 1,4^2$$

$$S = 2 \text{ cm}^2$$

$$\sigma = 4 \cdot a$$

$$\sigma = 4 \cdot 1,4$$

$$\sigma = 5,6 \text{ cm}$$

$$S = \frac{a \cdot r}{2}$$

$$S = \frac{3 \cdot 3}{2}$$

$$S = 4,5 \text{ cm}^2$$

$$\sigma = a+b+c$$

$$\sigma = 3+3,2+3,6$$

$$\sigma = 9,8 \text{ cm}$$

$$S = \frac{(a+c) \cdot r}{2}$$

$$S = \frac{(1+4) \cdot 1}{2}$$

$$S = 2,5 \text{ cm}^2$$

$$\sigma = a+b+c+d$$

$$\sigma = 1,4+2+3,2+2$$

$$\sigma = 9,6 \text{ cm}$$

$$b^2 = 3^2 + 1^2$$

$$b^2 = 9 + 1$$

$$b^2 = 10$$

$$b = \sqrt{10}$$

$$b = 3,2 \text{ cm}$$

$$\sigma = a+b+c+d$$

$$\sigma = 1+1,4+4+2,2$$

$$\sigma = 8,6 \text{ cm}$$

$$S = \frac{(a+c) \cdot r}{2}$$

$$S = \frac{(1+4,2) \cdot 1,4}{2}$$

$$S = 3,64 \text{ cm}^2$$

$$c^2 = 2^2 + 3^2$$

$$c^2 = 4 + 9$$

$$c^2 = 13$$

$$c = \sqrt{13}$$

$$c = 3,6 \text{ cm}$$

$$d^2 = 1^2 + 2^2$$

$$d^2 = 1 + 4$$

$$d^2 = 5$$

$$d = \sqrt{5}$$

$$d = 2,2 \text{ cm}$$