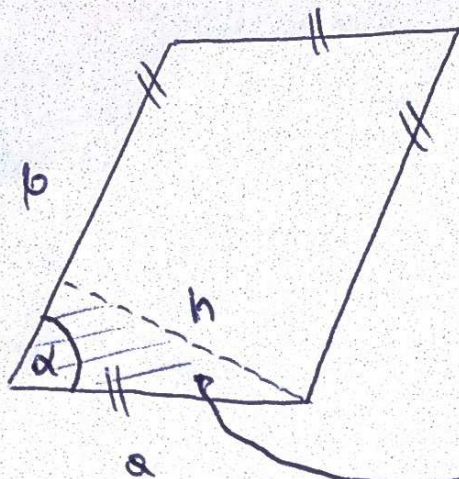


11. ROLNOLLEGE



$$\sin \alpha = 0,75 = \frac{3}{4}$$

$$h = \frac{2}{3}b$$

$$b = a + 2$$

$$h = \frac{2}{3}(a + 2)$$

2. TRIANGUL

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

$$\frac{3}{4} = \frac{h}{a} \Rightarrow h = \frac{3a}{4}$$

$$h = \frac{3 \cdot 16}{4} = 12$$

$$\frac{3a}{4} = \frac{2}{3}(a + 2) \quad \cdot 12$$

$$9a = 8(a + 2)$$

$$9a = 8a + 16$$

$$9a - 8a = 16$$

$$a = 16$$

$$b = a + 2 = 16 + 2 = 18$$

$$\text{obv} = 2a + 2b = 2 \cdot 16 + 2 \cdot 18 =$$

$$= 32 + 36 = 68$$

SPRALIDONE GEOMETRIJNE