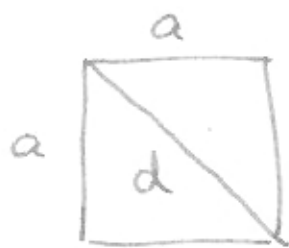


668



$$A = a^2$$

$$d = a \cdot \sqrt{2}$$

$$u = 4a$$

672 a)



$$1) \quad x^2 + x^2 = (4.60)^2$$

$$2x^2 = (4.60)^2$$

$$x^2 = \frac{(4.60)^2}{2} \Rightarrow x = \frac{4.60}{\sqrt{2}}$$

$$2) \quad A = 4.60 \cdot 5.50 + \frac{1}{2} x^2$$

$$= 4.60 \cdot 5.50 + \frac{(4.60)^2}{2}$$

$$= \dots \quad \text{TR}$$

b)



gleichseitig  $\Rightarrow s = 4.00 \text{ m}$

Fläche   $\frac{1}{2} \cdot h \cdot s$



$$h^2 + 2^2 = 4^2$$

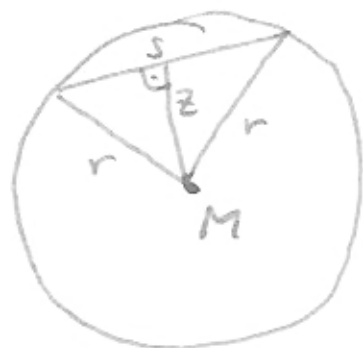
$$h^2 = 12$$

$$h = \sqrt{12} = 2\sqrt{3}$$

$$\Rightarrow A_{\Delta} = \frac{1}{2} \cdot 2\sqrt{3} \cdot 4 = 4\sqrt{3}$$

dann  $4.00 \cdot 6.00$  dazu addieren

675 a)



s, r gegeben



$$\Rightarrow z^2 + \frac{s^2}{4} = r^2$$

$$\Rightarrow z^2 = r^2 - \frac{s^2}{4}$$

$$\Rightarrow z = \sqrt{r^2 - \frac{s^2}{4}} = \sqrt{(6.5)^2 - (6.3)^2}$$

(weil  $\frac{s^2}{4} = \left(\frac{s}{2}\right)^2$ )  $= \dots$