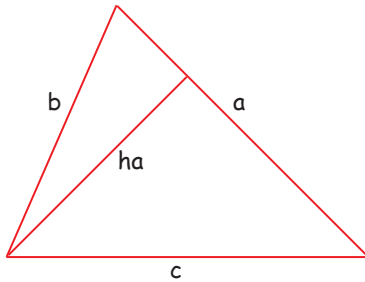
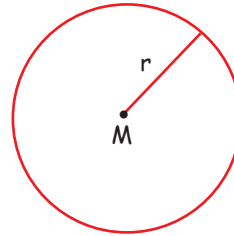


FORMELSAMMLUNG

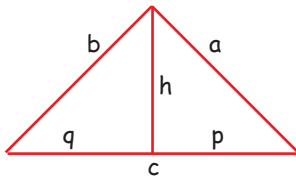
Ebene Figuren

1. Dreiecke

$$\begin{aligned} A &= (a \cdot ha) : 2 \\ &= (b \cdot hb) : 2 \\ &= (c \cdot hc) : 2 \end{aligned}$$

2. Kreis

$$A = r^2 \cdot \pi$$

1.1 rechtwinkliges Dreieck

$$A = (a \cdot b) : 2$$

$$a^2 + b^2 = c^2$$

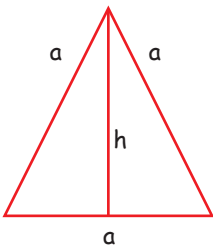
Satz des Pythagoras

$$h^2 = p \cdot q$$

Höhensatz

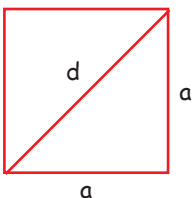
$$a^2 = p \cdot c, \quad b^2 = q \cdot c$$

Kathetensatz

1.2 gleichseitiges Dreieck

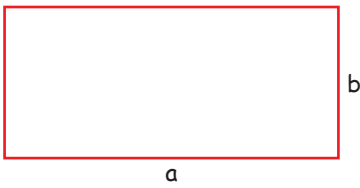
$$A = (a^2 \cdot \sqrt{3}) : 4$$

$$h = (a : 2) \cdot \sqrt{3}$$

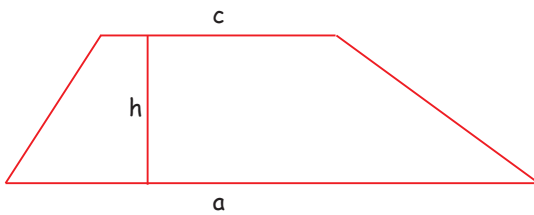
3. Vierecke**3.1 Quadrat**

$$A = a^2$$

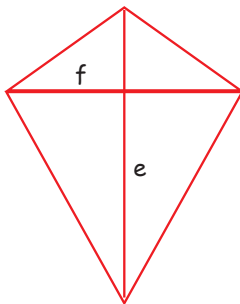
$$d = a \cdot \sqrt{2}$$

3. 2 Rechteck

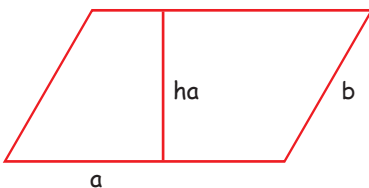
$$A = a \cdot b$$

3. 3 Trapez

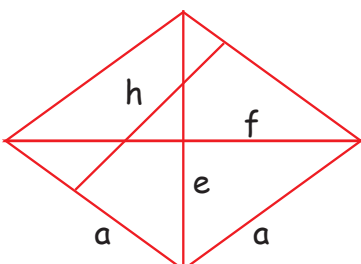
$$A = ((a + c) \cdot h) : 2$$

3. 4 Deltoid

$$A = (e \cdot f) : 2$$

3. 5 Parallelogramm

$$A = a \cdot ha = b \cdot hb$$

3. 6 Rhombus (Raute)

$$A = a \cdot h = (e \cdot f) : 2$$