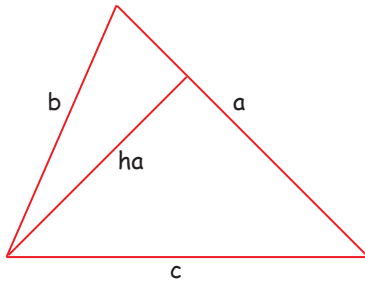
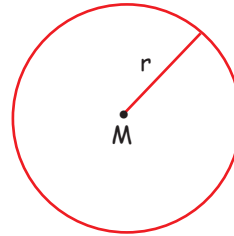


**FORMULE VERZAMELING**

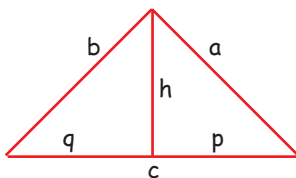
## Vlakke figuren

**1. Driehoek**

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

**2. Cirkel**

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

**1.1 rechthoekige driehoek**

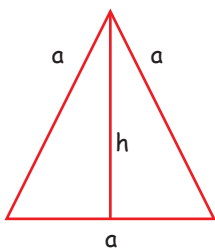
$$A = (a \cdot b) : 2$$

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

Stelling van Pythagoras

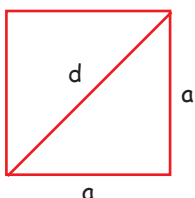
$$h^2 = p \cdot q$$

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

**1.2 gelijkzijdige driehoek**

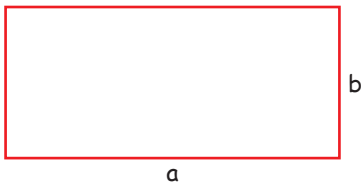
$$A = (a^2 \cdot \sqrt{3}) : 4$$

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

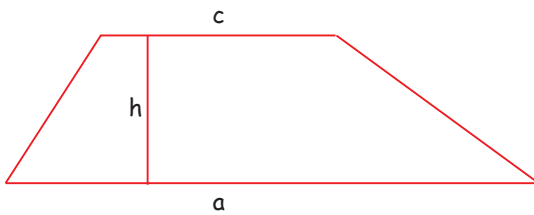
**3. Vierhoek****3.1 Vierkant**

$$A = a^2$$

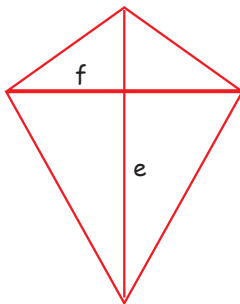
$$d = a \cdot \sqrt{2}$$

**3. 2 Rechthoek**

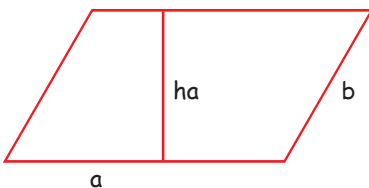
$$A = a \cdot b$$

**3. 3 Trapezium**

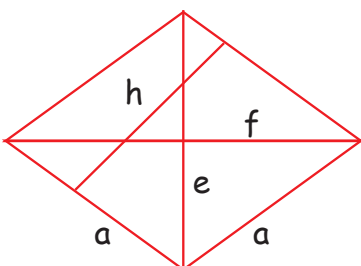
$$A = ((a + c) \cdot h) : 2$$

**3. 4 Vlieger**

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

**3. 5 Parallelogram**

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

**3. 6 Ruit**

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