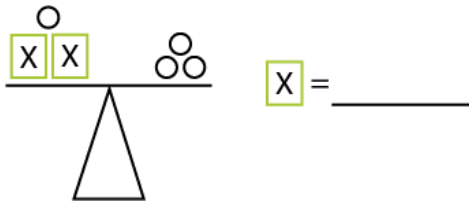
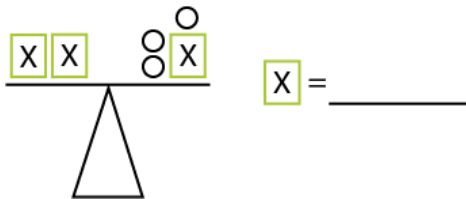


Algebra ohne Worte

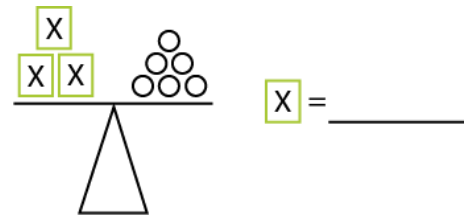
1. $x = ?$



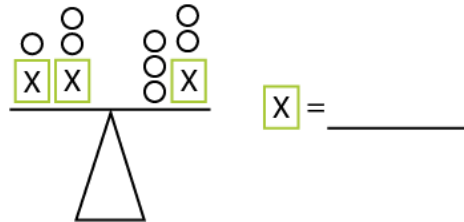
$$X = \underline{\hspace{2cm}}$$



$$X = \underline{\hspace{2cm}}$$



$$X = \underline{\hspace{2cm}}$$



$$X = \underline{\hspace{2cm}}$$

2. ☺ ☹ ☎

$$\text{☺} + \text{☺} + \text{☺} = 9$$

$$\text{☺} = \underline{\hspace{2cm}}$$

$$\text{☺} + \text{☎} = \underline{\hspace{2cm}}$$

$$\text{☺} + \text{☹} + \text{☹} = 15$$

$$\text{☹} = \underline{\hspace{2cm}}$$

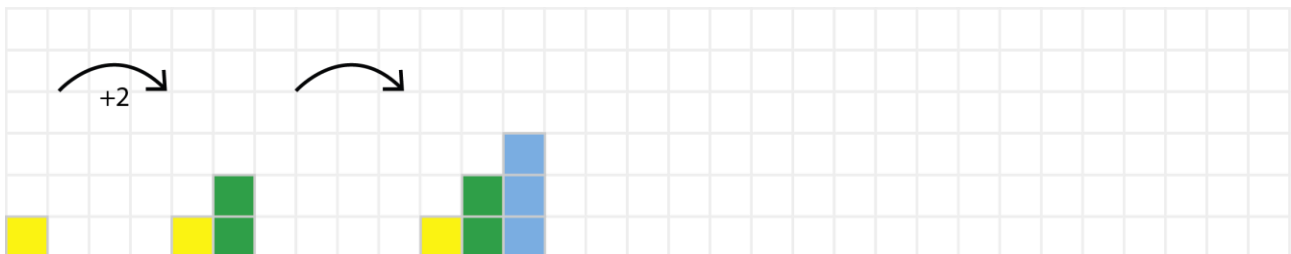
$$\text{☺} + \text{☹} = \underline{\hspace{2cm}}$$

$$\text{☺} + \text{☹} - \text{☎} = 1$$

$$\text{☎} = \underline{\hspace{2cm}}$$

$$\text{☺} * \text{☎} = \underline{\hspace{2cm}}$$

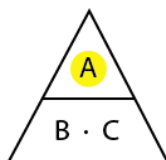
3. Dreieckszahlen Δ



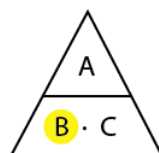
$$\Delta_1 = 1 \quad \Delta_2 = \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}}$$

$$\Delta_1 + \underline{\hspace{2cm}} = \Delta_2 \quad \Delta_2 + \underline{\hspace{2cm}} = \Delta_3 \quad \Delta_{10} + \underline{\hspace{2cm}} = \Delta_{11} \quad \Delta_n + \underline{\hspace{2cm}} = \Delta_{n+1}$$

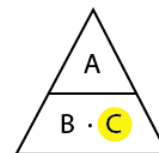
4.



$$A = B \cdot C$$



$$B = A : \underline{\hspace{2cm}}$$



$$C = \underline{\hspace{2cm}}$$

$$10 = \frac{50}{x} \rightarrow x = \underline{\hspace{2cm}}$$

$$2 = \frac{50}{x} \rightarrow x = \underline{\hspace{2cm}}$$