

Löse die Gleichungen nach x auf.

1. $6x = 30$

$$\begin{aligned}6x &= 30 \quad |:6 \\6x : 6 &= 30 : 6 \\x &= 5\end{aligned}$$

$$\begin{aligned}6x &= 30 \quad |:6 \\6x : 6 &= 30 : 6 \\x &= 5\end{aligned}$$

2. $6x = 24$

$$\begin{aligned}6x &= 24 \quad |:6 \\6x : 6 &= 24 : 6 \\x &= 4\end{aligned}$$

3. $6x = -30$

$$\begin{aligned}6x &= -30 \quad |:6 \\6x : 6 &= -30 : 6 \\x &= -5\end{aligned}$$

4. $6x = 6x$

$$\begin{aligned}6x &= 6x \quad |:6 \\6x : 6 &= 6 : 6 \\x &= x\end{aligned}$$

7. $1x + 2 = -3$

$$\begin{aligned}1x + 2 &= -3 \quad |-2 \\x &= -5 \\L &= \{-5\}\end{aligned}$$