

Algebra Worksheets

Solve each equation. Use substitution to check your answers.

a) $\frac{d}{7} = 1$

b) $5e = 45$

c) $\frac{f}{3} = 10$

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Solve each equation. Use substitution to check your answers.

a) $\frac{d}{7} = 1$

$$\begin{aligned}\frac{d}{7} &= 1 \\ \frac{d}{7} \cdot 7 &= 1 \cdot 7 \\ d &= 7\end{aligned}$$

b) $5e = 45$

$$\begin{aligned}5e &= 45 \\ 5e \div 5 &= 45 \div 5 \\ e &= 9\end{aligned}$$

c) $\frac{f}{3} = 10$

$$\begin{aligned}\frac{f}{3} &= 10 \\ \frac{f}{3} \cdot 3 &= 10 \cdot 3 \\ f &= 30\end{aligned}$$