



Complete the following algebra equations.



Remember:
what you do to one side of the equation,
you have to do to the other side.

ANSWERS

ex.

$$\begin{aligned}1. \quad 2x - 3 &= 15 \\ 2x - 3 + 3 &= 15 + 3 \\ 2x &= 18 \\ 2x/2 &= 18/2 \\ x &= 9\end{aligned}$$

$$\begin{aligned}3. \quad 2x + 5 &= 25 \\ 2x + 5 - 5 &= 25 - 5 \\ 2x &= 20 \\ 2x/2 &= 20/2 \\ x &= 10\end{aligned}$$

$$\begin{aligned}5. \quad 3x - 1 &= 20 \\ 3x - 1 + 1 &= 20 + 1 \\ 3x &= 21 \\ 3x/3 &= 21/3 \\ x &= 7\end{aligned}$$

$$\begin{aligned}7. \quad 10 + x &= 14 \\ 10 + x - 10 &= 14 - 10 \\ x &= 4\end{aligned}$$

$$\begin{aligned}2. \quad 12 + x &= 33 \\ 12 + x - 12 &= 33 - 12 \\ x &= 21\end{aligned}$$

$$\begin{aligned}4. \quad 6 + 3x &= 18 \\ 6 + 3x - 6 &= 18 - 6 \\ 3x &= 12 \\ 3x/3 &= 12/3 \\ x &= 4\end{aligned}$$

$$\begin{aligned}6. \quad 2x - 4 &= 22 \\ 2x - 4 + 4 &= 22 + 4 \\ 2x &= 26 \\ 2x/2 &= 26/2 \\ x &= 13\end{aligned}$$

$$\begin{aligned}8. \quad 7 + 2x &= 29 \\ 7 + 2x - 7 &= 29 - 7 \\ 2x &= 22 \\ 2x/2 &= 22/2 \\ x &= 11\end{aligned}$$

