

Linear Equations $ax - b = c$ (A)

Instructions: Solve each equation for the variable given.

$$2g - 13 = 5 \quad 7k - 17 = 39 \quad 10a - 46 = 44$$

$$2u - 17 = 3 \quad 8j - 41 = 31 \quad 2x - 22 = 0$$

$$5a - 33 = 2 \quad 7q - 75 = 23 \quad 6g - 37 = 5$$

$$2w - 4 = 0 \quad 3q - 1 = 23 \quad 6q - 21 = 87$$

$$10r - 105 = 45 \quad 6h - 21 = 21 \quad 6w - 71 = 13$$

$$7t - 7 = 70 \quad 3k - 29 = 13 \quad 6t - 27 = 27$$

Linear Equations $ax - b = c$ (A) Answers

Instructions: Solve each equation for the variable given.

$$\begin{aligned}2g - 13 &= 5 \\2g &= 18 \\g &= 9\end{aligned}$$

$$\begin{aligned}7k - 17 &= 39 \\7k &= 56 \\k &= 8\end{aligned}$$

$$\begin{aligned}10a - 46 &= 44 \\10a &= 90 \\a &= 9\end{aligned}$$

$$\begin{aligned}2u - 17 &= 3 \\2u &= 20 \\u &= 10\end{aligned}$$

$$\begin{aligned}8j - 41 &= 31 \\8j &= 72 \\j &= 9\end{aligned}$$

$$\begin{aligned}2x - 22 &= 0 \\2x &= 22 \\x &= 11\end{aligned}$$

$$\begin{aligned}5a - 33 &= 2 \\5a &= 35 \\a &= 7\end{aligned}$$

$$\begin{aligned}7q - 75 &= 23 \\7q &= 98 \\q &= 14\end{aligned}$$

$$\begin{aligned}6g - 37 &= 5 \\6g &= 42 \\g &= 7\end{aligned}$$

$$\begin{aligned}2w - 4 &= 0 \\2w &= 4 \\w &= 2\end{aligned}$$

$$\begin{aligned}3q - 1 &= 23 \\3q &= 24 \\q &= 8\end{aligned}$$

$$\begin{aligned}6q - 21 &= 87 \\6q &= 108 \\q &= 18\end{aligned}$$

$$\begin{aligned}10r - 105 &= 45 \\10r &= 150 \\r &= 15\end{aligned}$$

$$\begin{aligned}6h - 21 &= 21 \\6h &= 42 \\h &= 7\end{aligned}$$

$$\begin{aligned}6w - 71 &= 13 \\6w &= 84 \\w &= 14\end{aligned}$$

$$\begin{aligned}7t - 7 &= 70 \\7t &= 77 \\t &= 11\end{aligned}$$

$$\begin{aligned}3k - 29 &= 13 \\3k &= 42 \\k &= 14\end{aligned}$$

$$\begin{aligned}6t - 27 &= 27 \\6t &= 54 \\t &= 9\end{aligned}$$