

Linear Equations $ax \pm b = c$ (E) Answers

Instructions: Solve each equation for the variable given.

$$\begin{aligned}4g + 7 &= 19 \\4g &= 12 \\g &= 3\end{aligned}$$

$$\begin{aligned}7r + 15 &= 64 \\7r &= 49 \\r &= 7\end{aligned}$$

$$\begin{aligned}3h + 19 &= 55 \\3h &= 36 \\h &= 12\end{aligned}$$

$$\begin{aligned}5x - 9 &= 71 \\5x &= 80 \\x &= 16\end{aligned}$$

$$\begin{aligned}9f - 48 &= 132 \\9f &= 180 \\f &= 20\end{aligned}$$

$$\begin{aligned}5n + 7 &= 67 \\5n &= 60 \\n &= 12\end{aligned}$$

$$\begin{aligned}2t - 1 &= 31 \\2t &= 32 \\t &= 16\end{aligned}$$

$$\begin{aligned}8c + 19 &= 67 \\8c &= 48 \\c &= 6\end{aligned}$$

$$\begin{aligned}9k + 7 &= 133 \\9k &= 126 \\k &= 14\end{aligned}$$

$$\begin{aligned}10s - 81 &= 119 \\10s &= 200 \\s &= 20\end{aligned}$$

$$\begin{aligned}8j + 3 &= 107 \\8j &= 104 \\j &= 13\end{aligned}$$

$$\begin{aligned}8t + 20 &= 116 \\8t &= 96 \\t &= 12\end{aligned}$$

$$\begin{aligned}2h + 11 &= 39 \\2h &= 28 \\h &= 14\end{aligned}$$

$$\begin{aligned}9t + 1 &= 172 \\9t &= 171 \\t &= 19\end{aligned}$$

$$\begin{aligned}4j + 18 &= 54 \\4j &= 36 \\j &= 9\end{aligned}$$

$$\begin{aligned}9f - 131 &= 22 \\9f &= 153 \\f &= 17\end{aligned}$$

$$\begin{aligned}3m + 13 &= 49 \\3m &= 36 \\m &= 12\end{aligned}$$

$$\begin{aligned}10g - 72 &= 8 \\10g &= 80 \\g &= 8\end{aligned}$$

Linear Equations $ax \pm b = c$ (D) Answers

Instructions: Solve each equation for the variable given.

$$\begin{aligned}7m + 19 &= 124 \\7m &= 105 \\m &= 15\end{aligned}$$

$$\begin{aligned}5d - 12 &= 13 \\5d &= 25 \\d &= 5\end{aligned}$$

$$\begin{aligned}10c + 5 &= 35 \\10c &= 30 \\c &= 3\end{aligned}$$

$$\begin{aligned}3k - 21 &= 33 \\3k &= 54 \\k &= 18\end{aligned}$$

$$\begin{aligned}5q - 43 &= 22 \\5q &= 65 \\q &= 13\end{aligned}$$

$$\begin{aligned}2s - 1 &= 11 \\2s &= 12 \\s &= 6\end{aligned}$$

$$\begin{aligned}7d - 84 &= 14 \\7d &= 98 \\d &= 14\end{aligned}$$

$$\begin{aligned}4k - 11 &= 13 \\4k &= 24 \\k &= 6\end{aligned}$$

$$\begin{aligned}9j + 20 &= 110 \\9j &= 90 \\j &= 10\end{aligned}$$

$$\begin{aligned}3g - 20 &= 22 \\3g &= 42 \\g &= 14\end{aligned}$$

$$\begin{aligned}8m - 15 &= 17 \\8m &= 32 \\m &= 4\end{aligned}$$

$$\begin{aligned}10a + 16 &= 136 \\10a &= 120 \\a &= 12\end{aligned}$$

$$\begin{aligned}9j - 25 &= 101 \\9j &= 126 \\j &= 14\end{aligned}$$

$$\begin{aligned}7f + 20 &= 132 \\7f &= 112 \\f &= 16\end{aligned}$$

$$\begin{aligned}6t - 17 &= 7 \\6t &= 24 \\t &= 4\end{aligned}$$

$$\begin{aligned}3p + 11 &= 23 \\3p &= 12 \\p &= 4\end{aligned}$$

$$\begin{aligned}4t - 17 &= 3 \\4t &= 20 \\t &= 5\end{aligned}$$

$$\begin{aligned}4n + 7 &= 35 \\4n &= 28 \\n &= 7\end{aligned}$$