



LINEAR EQUATIONS TWO-STEP QUESTIONS

NO CALCULATOR

Ref: G241. **2S2**

A1 Solve $\frac{x+13}{10} = 4$	A2 Solve $3(x-5) = 21$	A3 Solve $\frac{x}{11} + 3 = 5$	A4 Solve $5x - 13 = 28$
B1 Solve $6(x+11) = 9$	B2 Solve $\frac{x-13}{2} = 14$	B3 Solve $6x + 11 = 9$	B4 Solve $\frac{x}{10} + 13 = 4$
C1 Solve $3x - 5 = 21$	C2 Solve $\frac{x}{7} - 19 = -1$	C3 Solve $5(x-13) = 28$	C4 Solve $\frac{x+3}{11} = 5$
D1 Solve $\frac{x}{2} - 13 = 14$	D2 Solve $9x + 2 = -15$	D3 Solve $\frac{x-19}{7} = -1$	D4 Solve $9(x+2) = -15$



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<p>A1 Solve</p> $\frac{x+13}{10} = 4$ $x + 13 = 40$ $x = 27$	<p>A2 Solve</p> $3(x-5) = 21$ $x - 5 = 7$ $x = 12$	<p>A3 Solve</p> $\frac{x}{11} + 3 = 5$ $\frac{x}{11} = 2$ $x = 22$	<p>A4 Solve</p> $5x - 13 = 28$ $5x = 41$ $x = \frac{41}{5} \left(= 8\frac{1}{5} \right)$
<p>B1 Solve</p> $6(x+11) = 9$ $x + 11 = 1.5$ $x = -9.5$	<p>B2 Solve</p> $\frac{x-13}{2} = 14$ $x - 13 = 28$ $x = 41$	<p>B3 Solve</p> $6x + 11 = 9$ $6x = -2$ $x = \frac{-2}{6} = -\frac{1}{3}$	<p>B4 Solve</p> $\frac{x}{10} + 13 = 4$ $\frac{x}{10} = -9$ $x = -90$
<p>C1 Solve</p> $3x - 5 = 21$ $3x = 26$ $x = \frac{26}{3} \left(= 8\frac{2}{3} \right)$	<p>C2 Solve</p> $\frac{x}{7} - 19 = -1$ $\frac{x}{7} = 18$ $x = 126$	<p>C3 Solve</p> $5(x-13) = 28$ $x - 13 = 5.6$ $x = 18.6$	<p>C4 Solve</p> $\frac{x+3}{11} = 5$ $x + 3 = 55$ $x = 52$
<p>D1 Solve</p> $\frac{x}{2} - 13 = 14$ $\frac{x}{2} = 27$ $x = 54$	<p>D2 Solve</p> $9x + 2 = -15$ $9x = -17$ $x = \frac{-17}{9} \left(= -1\frac{8}{9} \right)$	<p>D3 Solve</p> $\frac{x-19}{7} = -1$ $x - 19 = -7$ $x = 12$	<p>D4 Solve</p> $9(x+2) = -15$ $x + 2 = -1\frac{6}{9}$ $x = -3\frac{6}{9} = -3\frac{2}{3}$