



LINEAR EQUATIONS TWO-STEP QUESTIONS

NO CALCULATOR

Ref: G241. **2F1**

A1 Solve $2x + 5 = 16$	A2 Solve $3x + 2 = 9$	A3 Solve $5x - 9 = 7$	A4 Solve $7x - 10 = 28$
B1 Solve $2(x + 5) = 16$	B2 Solve $3(x + 2) = 9$	B3 Solve $5(x - 9) = 7$	B4 Solve $7(x - 10) = 28$
C1 Solve $\frac{x}{3} + 7 = 9$	C2 Solve $\frac{x}{5} - 3 = 8$	C3 Solve $\frac{x}{7} + 11 = 15$	C4 Solve $\frac{x}{4} - 9 = 13$
D1 Solve $\frac{x + 7}{3} = 9$	D2 Solve $\frac{x - 3}{5} = 8$	D3 Solve $\frac{x + 11}{7} = 15$	D4 Solve $\frac{x - 9}{4} = 13$



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Ref: G241. **2F1**

A1 Solve $2x + 5 = 16$ $2x = 11$ $x = 5.5$	A2 Solve $3x + 2 = 9$ $3x = 7$ $x = \frac{7}{3} \left(= 2\frac{1}{3} \right)$	A3 Solve $5x - 9 = 7$ $5x = 16$ $x = \frac{16}{5} \left(= 3\frac{1}{5} \right)$	A4 Solve $7x - 10 = 28$ $7x = 38$ $x = \frac{38}{7} \left(= 5\frac{3}{7} \right)$
B1 Solve $2(x + 5) = 16$ $x + 5 = 8$ $x = 3$	B2 Solve $3(x + 2) = 9$ $x + 2 = 3$ $x = 1$	B3 Solve $5(x - 9) = 7$ $x - 9 = 1.4$ $x = 10.4$	B4 Solve $7(x - 10) = 28$ $x - 10 = 4$ $x = 14$
C1 Solve $\frac{x}{3} + 7 = 9$ $\frac{x}{3} = 2$ $x = 6$	C2 Solve $\frac{x}{5} - 3 = 8$ $\frac{x}{5} = 11$ $x = 55$	C3 Solve $\frac{x}{7} + 11 = 15$ $\frac{x}{7} = 4$ $x = 28$	C4 Solve $\frac{x}{4} - 9 = 13$ $\frac{x}{4} = 22$ $x = 88$
D1 Solve $\frac{x + 7}{3} = 9$ $x + 7 = 27$ $x = 20$	D2 Solve $\frac{x - 3}{5} = 8$ $x - 3 = 40$ $x = 43$	D3 Solve $\frac{x + 11}{7} = 15$ $x + 11 = 105$ $x = 94$	D4 Solve $\frac{x - 9}{4} = 13$ $x - 9 = 52$ $x = 61$