



LINEAR EQUATIONS TWO-STEP QUESTIONS

NO CALCULATOR

Ref: G241. **2E2**

A1 Solve $x^2 + 5 = 9$	A2 Solve $\sqrt{x-9} = 4$	A3 Solve $(x-5)^2 = 4$	A4 Solve $\sqrt{3x} = 9$
B1 Solve $\sqrt{\frac{x}{5}} = 4$	B2 Solve $(4x)^2 = 9$	B3 Solve $\sqrt{x} + 2 = 9$	B4 Solve $x^2 - 5 = 4$
C1 Solve $\sqrt{x} - 9 = -1$	C2 Solve $\left(\frac{x}{9}\right)^2 = 4$	C3 Solve $4x^2 = 64$	C4 Solve $3\sqrt{x} = 9$
D1 Solve $(x+5)^2 = 9$	D2 Solve $\frac{\sqrt{x}}{5} = 4$	D3 Solve $\sqrt{x+2} = 9$	D4 Solve $\frac{x^2}{9} = 4$



LINEAR EQUATIONS TWO-STEP QUESTIONS

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Ref: G241. **2E2**

<p>A1 Solve</p> $x^2 + 5 = 9$ $x^2 = 4$ $x = 2$	<p>A2 Solve</p> $\sqrt{x-9} = 4$ $x - 9 = 16$ $x = 25$	<p>A3 Solve</p> $(x-5)^2 = 4$ $x - 5 = 2$ $x = 7$	<p>A4 Solve</p> $\sqrt{3x} = 9$ $3x = 81$ $x = 27$
<p>B1 Solve</p> $\sqrt{\frac{x}{5}} = 4$ $\frac{x}{5} = 16$ $x = 80$	<p>B2 Solve</p> $(4x)^2 = 9$ $4x = 3$ $x = \frac{3}{4}$	<p>B3 Solve</p> $\sqrt{x} + 2 = 9$ $\sqrt{x} = 7$ $x = 49$	<p>B4 Solve</p> $x^2 - 5 = 4$ $x^2 = 9$ $x = 3$
<p>C1 Solve</p> $\sqrt{x} - 9 = -1$ $\sqrt{x} = 8$ $x = 64$	<p>C2 Solve</p> $\left(\frac{x}{9}\right)^2 = 4$ $\frac{x}{9} = 2$ $x = 18$	<p>C3 Solve</p> $4x^2 = 64$ $x^2 = 16$ $x = 4$	<p>C4 Solve</p> $3\sqrt{x} = 9$ $\sqrt{x} = 3$ $x = 9$
<p>D1 Solve</p> $(x+5)^2 = 9$ $x + 5 = 3$ $x = -2$	<p>D2 Solve</p> $\frac{\sqrt{x}}{5} = 4$ $\sqrt{x} = 20$ $x = 400$	<p>D3 Solve</p> $\sqrt{x+2} = 9$ $x + 2 = 81$ $x = 79$	<p>D4 Solve</p> $\frac{x^2}{9} = 4$ $x^2 = 36$ $x = 6$