1-Step Equations

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Inverse - opposite

To Solve Equations use the inverse operation

- ↳ Addition & Subtraction
- ↳ Multiplication & division

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Examples Adding & Subtracting

① $x + 2 = -5$

$-2 \quad -2$

$x = -7$

② $x - 3.7 = -2.1$

$+3.7 \quad +3.7$

$x = 1.6$

③ $-5 + x = 8$

$+5 \quad +5$

$x = 13$

④ $x + \frac{3}{4} = -\frac{7}{8}$

$-\frac{3}{4} \quad -\frac{3}{4}$

$x = -1\frac{5}{8}$

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Multiplying & Dividing

① $\frac{3x}{3} = \frac{15}{3}$

$x = 5$

② $\frac{0.3x}{0.3} = \frac{2.7}{0.3}$

$x = 9$

③ $\frac{-\frac{2}{3}x}{-\frac{2}{3}} = \frac{24}{-\frac{2}{3}}$

$x = -36$

④ $\frac{-3/4}{-2/3} = \frac{-2/3x}{-2/3}$

$1\frac{1}{8} = x$ or $x = 1\frac{1}{8}$

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⑤ $\frac{3 \cdot x}{3} = -2 \cdot 3$

$x = -6$

⑥ $\frac{-0.2 \cdot x}{-0.2} = 4 \cdot -0.2$

$x = -0.8$

⑦ $\frac{2}{5} \cdot \frac{x}{2/5} = -5 \cdot \frac{2}{5}$

$x = -2$

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