Two Step Equations

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Solve each equation.

1) $3x - 12 = 24$

2) $3(x - 12) = 15$

3) $\frac{5x - 10}{3} = 100$

4) $4(x - 12) = 60$

5) $\frac{7x - 21}{5} = 70$

6) $4x - 12 = 24$

7) $3x - 12 = -12$

8) $\frac{4x - 8}{2} = 76$

9) $2(x - 8) = 12$

10) $\frac{2x - 8}{4} = 34$

11) $4(x - 12) = 40$

12) $\frac{5x - 20}{6} = 80$

13) $3x - 15 = -6$

14) $3x - 15 = 3$

15) $\frac{5x - 20}{6} = 60$

16) $3x - 6 = 12$

17) $\frac{5x - 25}{2} = 40$

18) $3x - 9 = -15$

19) $\frac{3x - 12}{4} = 42$

20) $\frac{2x - 6}{5} = 14$

21) $\frac{3x - 6}{3} = 12$

22) $3x - 6 = 27$

Answers of Two Step Equations

Solve each equation.

1) $3x - 12 = 24 \Rightarrow x = 12$

2) $3(x - 12) = 15 \Rightarrow x = 17$

3) $\frac{5x - 10}{3} = 100 \Rightarrow x = 62$

4) $4(x - 12) = 60 \Rightarrow x = 27$

5) $\frac{7x - 21}{5} = 70 \Rightarrow x = 53$

6) $4x - 12 = 24 \Rightarrow x = 9$

7) $3x - 12 = -12 \Rightarrow x = 0$

8) $\frac{4x - 8}{2} = 76 \Rightarrow x = 40$

9) $2(x - 8) = 12 \Rightarrow x = 14$

10) $\frac{2x - 8}{4} = 34 \Rightarrow x = 72$

11) $4(x - 12) = 40 \Rightarrow x = 22$

12) $\frac{5x - 20}{6} = 80 \Rightarrow x = 100$

13) $3x - 15 = -6 \Rightarrow x = 3$

14) $3x - 15 = 3 \Rightarrow x = 6$

15) $\frac{5x - 20}{6} = 60 \Rightarrow x = 76$

16) $3x - 6 = 12 \Rightarrow x = 6$

17) $\frac{5x - 25}{2} = 40 \Rightarrow x = 21$

18) $3x - 9 = -15 \Rightarrow x = -2$

19) $\frac{3x - 12}{4} = 42 \Rightarrow x = 60$

20) $\frac{2x - 6}{5} = 14 \Rightarrow x = 38$

21) $\frac{3x - 6}{3} = 12 \Rightarrow x = 14$

22) $3x - 6 = 27 \Rightarrow x = 11$