

## Multi Step Equations



Solve each equation.

1)  $\frac{2x - 15}{7} = 48 - \frac{1}{7}x$

2)  $5x - 28 = 140 - 2x$

3)  $2x - 8 + 3x = 52 + x$

4)  $\frac{6x - 14}{4} = 133 - \frac{1}{4}x$

5)  $5x - 28 = 119 - 2x$

6)  $7x - 27 = 99 - 2x$

7)  $3x - 20 + 3x = 100 + x$

8)  $7x - 18 + 3x = 90 + x$

9)  $6x - 16 + 3x = 40 + x$

10)  $3x - 20 + 3x = 35 + x$

11)  $4x - 18 = 60 - 2x$

12)  $7x - 18 = 117 - 2x$

13)  $\frac{5x - 24}{5} = 6 - \frac{1}{5}x$

14)  $4x - 30 = 12 - 2x$

15)  $5x - 14 = 21 - 2x$

16)  $\frac{5x - 12}{7} = 24 - \frac{1}{7}x$

17)  $\frac{6x - 21}{5} = 70 - \frac{1}{5}x$

18)  $\frac{1x - 10}{3} = 6 - \frac{1}{3}x$

19)  $6x - 40 = 128 - 2x$

20)  $\frac{3x - 16}{7} = 32 - \frac{1}{7}x$

21)  $5x - 21 = 56 - 2x$

22)  $5x - 21 = 49 - 2x$

## Answers of Multi Step Equations



Solve each equation.

1)  $\frac{2x - 15}{7} = 48 - \frac{1}{7}x \Rightarrow x = 117$

2)  $5x - 28 = 140 - 2x \Rightarrow x = 24$

3)  $2x - 8 + 3x = 52 + x$   
 $\Rightarrow x = 15$

4)  $\frac{6x - 14}{4} = 133 - \frac{1}{4}x \Rightarrow x = 78$

5)  $5x - 28 = 119 - 2x \Rightarrow x = 21$

6)  $7x - 27 = 99 - 2x \Rightarrow x = 14$

7)  $3x - 20 + 3x = 100 + x$   
 $\Rightarrow x = 24$

8)  $7x - 18 + 3x = 90 + x$   
 $\Rightarrow x = 12$

9)  $6x - 16 + 3x = 40 + x$   
 $\Rightarrow x = 7$

10)  $3x - 20 + 3x = 35 + x$   
 $\Rightarrow x = 11$

11)  $4x - 18 = 60 - 2x \Rightarrow x = 13$

12)  $7x - 18 = 117 - 2x \Rightarrow x = 15$

13)  $\frac{5x - 24}{5} = 6 - \frac{1}{5}x \Rightarrow x = 9$

14)  $4x - 30 = 12 - 2x \Rightarrow x = 7$

15)  $5x - 14 = 21 - 2x \Rightarrow x = 5$

16)  $\frac{5x - 12}{7} = 24 - \frac{1}{7}x \Rightarrow x = 30$

17)  $\frac{6x - 21}{5} = 70 - \frac{1}{5}x \Rightarrow x = 53$

18)  $\frac{1x - 10}{3} = 6 - \frac{1}{3}x \Rightarrow x = 14$

19)  $6x - 40 = 128 - 2x \Rightarrow x = 21$

20)  $\frac{3x - 16}{7} = 32 - \frac{1}{7}x \Rightarrow x = 60$

21)  $5x - 21 = 56 - 2x \Rightarrow x = 11$

22)  $5x - 21 = 49 - 2x \Rightarrow x = 10$