Multi Step Equations

testinar.com/t/?c=7

Solve each equation.

1) $3x - 20 + 3x = 35 + x$

2) $5x - 35 + 3x = 98 + x$

3) $\frac{5x - 24}{6} = 90 - \frac{1}{6}x$

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

5) $5x - 14 = 105 - 2x$

6) $7x - 18 + 3x = 90 + x$

7) $2x - 8 + 3x = 52 + x$

8) $\frac{2x - 12}{7} = 33 - \frac{1}{7}x$

9) $5x - 14 = 21 - 2x$

10) $5x - 21 = 49 - 2x$

11) $3x - 15 + 3x = 85 + x$

12) $3x - 20 + 3x = 40 + x$

13) $7x - 27 = 81 - 2x$

14) $6x - 16 + 3x = 40 + x$

15) $3x - 15 + 3x = 95 + x$

16) $5x - 35 + 3x = 77 + x$

17) $\frac{4x - 15}{3} = 60 - \frac{1}{3}x$

18) $2x - 16 + 3x = 12 + x$

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

20) $\frac{4x - 20}{2} = 45 - \frac{1}{2}x$

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

22) $7x - 27 = 99 - 2x$

23) $7x - 27 = 54 - 2x$

24) $7x - 36 = 171 - 2x$

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

26) $4x - 30 = 12 - 2x$

27) $3x - 15 + 3x = 10 + x$

28) $\frac{4x - 25}{7} = 65 - \frac{1}{7}x$

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

30) $\frac{3x - 20}{5} = 20 - \frac{1}{5}x$

Answers of Multi Step Equations

Solve each equation.

1) $3x - 20 + 3x = 35 + x \Rightarrow x = 11$

2) $5x - 35 + 3x = 98 + x \Rightarrow x = 19$

3) $\frac{5x - 24}{6} = 90 - \frac{1}{6}x \Rightarrow x = 94$

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

5) $5x - 14 = 105 - 2x \Rightarrow x = 17$

6) $7x - 18 + 3x = 90 + x \Rightarrow x = 12$

7) $2x - 8 + 3x = 52 + x \Rightarrow x = 15$

8) $\frac{2x - 12}{7} = 33 - \frac{1}{7}x \Rightarrow x = 81$

9) $5x - 14 = 21 - 2x \Rightarrow x = 5$

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

11) $3x - 15 + 3x = 85 + x \Rightarrow x = 20$

12) $3x - 20 + 3x = 40 + x \Rightarrow x = 12$

13) $7x - 27 = 81 - 2x \Rightarrow x = 12$

14) $6x - 16 + 3x = 40 + x \Rightarrow x = 7$

15) $3x - 15 + 3x = 95 + x \Rightarrow x = 22$

16) $5x - 35 + 3x = 77 + x \Rightarrow x = 16$

17) $\frac{4x - 15}{3} = 60 - \frac{1}{3}x \Rightarrow x = 39$

18) $2x - 16 + 3x = 12 + x \Rightarrow x = 7$

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

20) $\frac{4x - 20}{2} = 45 - \frac{1}{2}x \Rightarrow x = 22$

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

22) $7x - 27 = 99 - 2x \Rightarrow x = 14$

23) $7x - 27 = 54 - 2x \Rightarrow x = 9$

24) $7x - 36 = 171 - 2x \Rightarrow x = 23$

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

26) $4x - 30 = 12 - 2x \Rightarrow x = 7$

27) $3x - 15 + 3x = 10 + x \Rightarrow x = 5$

28) $\frac{4x - 25}{7} = 65 - \frac{1}{7}x \Rightarrow x = 96$

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

30) $\frac{3x - 20}{5} = 20 - \frac{1}{5}x \Rightarrow x = 30$