



Solve each problem. Round your answer to 2 decimal places.

1) $-6x - 4 + \frac{2}{4} = 8$

2) $\frac{1}{2} + 8x - 2 = 9$

3) $-6x + 4 + \frac{1}{4} = 8$

4) $2 + 3x + \frac{5}{7} = 13$

5) $\frac{2}{3} + 2 - 4x = 10$

6) $7x + \frac{1}{3} - 7 = 12$

7) $3 + \frac{6}{7} + 5x = 16$

8) $-5 - 9x + \frac{5}{8} = 13$

9) $-5x - 8 + \frac{1}{4} = 3$

10) $-4x + 6 + \frac{1}{2} = 10$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem. Round your answer to 2 decimal places.

$$\begin{aligned} 1) \quad & -6x - 4 + \frac{2}{4} = 8 \\ & -24x - 16 + 2 = 32 \\ & -24x = 46 \\ & -1.92 \end{aligned}$$

$$\begin{aligned} 2) \quad & \frac{1}{2} + 8x - 2 = 9 \\ & 1 + 16x - 4 = 18 \\ & 16x = 21 \\ & 1.31 \end{aligned}$$

$$\begin{aligned} 3) \quad & -6x + 4 + \frac{1}{4} = 8 \\ & -24x + 16 + 1 = 32 \\ & -24x = 15 \\ & -0.63 \end{aligned}$$

$$\begin{aligned} 4) \quad & 2 + 3x + \frac{5}{7} = 13 \\ & 14 + 21x + 5 = 91 \\ & 21x = 72 \\ & 3.43 \end{aligned}$$

$$\begin{aligned} 5) \quad & \frac{2}{3} + 2 - 4x = 10 \\ & 2 + 6 - 12x = 30 \\ & -12x = 22 \\ & -1.83 \end{aligned}$$

$$\begin{aligned} 6) \quad & 7x + \frac{1}{3} - 7 = 12 \\ & 21x + 1 - 21 = 36 \\ & 21x = 56 \\ & 2.67 \end{aligned}$$

$$\begin{aligned} 7) \quad & 3 + \frac{6}{7} + 5x = 16 \\ & 21 + 6 + 35x = 112 \\ & 35x = 85 \\ & 2.43 \end{aligned}$$

$$\begin{aligned} 8) \quad & -5 - 9x + \frac{5}{8} = 13 \\ & -40 - 72x + 5 = 104 \\ & -72x = 139 \\ & -1.93 \end{aligned}$$

$$\begin{aligned} 9) \quad & -5x - 8 + \frac{1}{4} = 3 \\ & -20x - 32 + 1 = 12 \\ & -20x = 43 \\ & -2.15 \end{aligned}$$

$$\begin{aligned} 10) \quad & -4x + 6 + \frac{1}{2} = 10 \\ & -8x + 12 + 1 = 20 \\ & -8x = 7 \\ & -0.88 \end{aligned}$$

Answers

1. -1.92
2. 1.31
3. -0.63
4. 3.43
5. -1.83
6. 2.67
7. 2.43
8. -1.93
9. -2.15
10. -0.88