Solving Multi-Step Equations

Solve each two-step equation. Show your work.

1. $6x + 2 = 50$

2. $\frac{x}{5} + 2 = 4$

3. $\frac{x}{2} + 3 = 7$

4. $\frac{x}{2} + 3 = 5$

5. $\frac{x}{5} + 7 = 9$

6. $\frac{x}{2} - 1 = 1$

7. $\frac{x}{4} + 10 = 11$

8. $2x + 9 = 19$

9. $\frac{x}{2} - 1 = 4$

10. $3x + 8 = 20$

Solving Multi-Step Equations - Answer Key

1. $6x + 2 = 50$

   x = 8

2. $\frac{x}{5} + 2 = 4$

   x = 10

3. $\frac{x}{2} + 3 = 7$

   x = 8

4. $\frac{x}{2} + 3 = 5$

   x = 4

5. $\frac{x}{5} + 7 = 9$

   x = 10

6. $\frac{x}{2} - 1 = 1$

   x = 4

7. $\frac{x}{4} + 10 = 11$

   x = 4

8. $2x + 9 = 19$

   x = 5

9. $\frac{x}{2} - 1 = 4$

   x = 10

10. $3x + 8 = 20$

   x = 4