

09-Multi-Step Equations

Solve each equation. Show all work and check your answer.

1. $p - 1 = 5p + 3p - 8$

2. $-8 = -(x + 4)$

Answer: _____

Check Answer:

Answer: _____

Check Answer:

3. $12 = -4(-6x - 3)$

4. $-18 - 6k = 6(1 + 3k)$

Answer: _____

Check Answer:

Answer: _____

Check Answer:

5. $5n + 34 = -2(1 - 7n)$

6. $2(4x - 3) - 8 = 4 + 2x$

Answer: _____

Check Answer:

Answer: _____

Check Answer:

7. $3n - 5 = -8(6 + 5n)$

Answer: _____
Check Answer:

8. $-(1 + 7x) - 6(-7 - x) = 36$

Answer: _____
Check Answer:

9. $-3(4x + 3) + 4(6x + 1) = 43$

Answer: _____
Check Answer:

10. $-5(1 - 5x) + 5(-8x - 2) = -4x - 8x$

Answer: _____
Check Answer:

11. $-5(k - 8) = 5(8 - 4k) - 3k$

Answer: _____
Check Answer:

12. $4n + 2(n - 1) = -6n + 2(5n - 3)$

Answer: _____
Check Answer: