

Classwork

Variables on Both Sides

Solve each equation. Show the steps

1. $9r = 3r + 6$

2. $5s - 6 = 2s$

3. $7p - 12 = 3p$

4. $11w = -16 + 7w$

5. $-3b + 9 = 9 - 3b$

6. $8 + 2m = -2m - 16$

7. $12x + 5 = 11 + 12x$

8. $-6g + 14 = -12 - 8g$

9. $-15 + 7t = 30 - 2t$

10. $5a + 4 = -2a - 10$

11. $1.4h - 3 = 2 + h$

12. $5.3 + d = -2d + 4.7$

13. $3.6z + 6 = -2 + 2z$

14. $4f - 3.7 = 3f - 1.8$

15. $\frac{3}{5}n - 10 = \frac{2}{5}n$

16. $\frac{5}{8}j = 8 + \frac{3}{8}j$

17. $\frac{2}{3}q - 2 = \frac{1}{3}q + 7$

18. $-\frac{1}{4}p + 4 = \frac{3}{4}p + 8$