

Standard H.1A.2.C2: I can simplify algebraic expressions (like terms) including distributive property

Directions: Simplify

1. $3(x + 4)$

2. $5(a - 3)$

3. $2(x + 8)$

4. $4(x - 2)$

5. $-2(x + 3)$

6. $2(3x - 2)$

7. $3(5x + 1)$

8. $-5(4 - x)$

9. $-(2x - 1)$

10. $4(3a - 4)$

11. $3(2x + 2)$

12. $-6(5x + 2)$

13. $x(x + 3)$

14. $-2x(x - 1)$

15. $3a(2a - 4)$

16. $-x(5x + 2)$

Standard H.1A.4.C2: I can solve a two-step equation

Directions: Solve

17. $3y - 7 = 8$

18. $6x + 2 = -10$

19. $-4x + 6 = 34$

20. $15 = 2m - 9$

21. $29 = -8t - 3$

22. $7 - 5u = -43$

23. $14 + 4x = 38$

24. $-30 = -9x - 3$

25. $3(r - 4) = -57$

26. $-40 = 2(4 - 3s)$

27. $3x + 9 = 5$

28. $8z - 1 = 11$

29. $\frac{1}{2}t + 6 = -7$

30. $12 - \frac{1}{3}u = 2$

31. $\frac{2}{5}n + 6 = 10$

32. $-7 - 6y = 13$