

*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.  $-7 - 6y = 13$