

Warm Up: **PICK UP THE REVIEW SHEET FROM THE TABLE AS YOU ENTER!**

Simplify:

1. $4xy - 3x^2 + 7yx + 6x^2$

$$11xy + 3x^2$$

2. $5 - (3x - 3) + 8x$

$$5x + 8$$

3. $6a^2 + 5a - 6a^2 - \underline{3a - 2a}$

$$0$$

Warm Up:

Check your answers from your homework.

Discuss with your group any questions you had.

14. $13 + 2h$

15. $5n + 6.7$

16. $37t - 9.85$

17. 5 more than a number q

18. the quotient of y and 5

19. the product of 12 and x

24. twice the difference of 5 and a number n

30. 512

31. 496

32. 0

33. 3458

12. $22t + 33$

13. $90 - 10t$

14. $24j - 72$

15. $112b + 96$

24. $\frac{1}{4}y - \frac{1}{4}$

33. $-20 - d$

34. $5 + 4y$

59. $5y^2$

60. $8c - 11$

61. $-3x + y + 11$

62. $n - 4m + 1$

63. $3h^2 - 11h - 3$

64. $ab + 2ab^2$

Heart method

$$\frac{6x+4}{2}$$

$$\frac{6x}{2} + \frac{4}{2}$$

$$3x+2$$

$$\frac{12x-6}{6}$$

$$\frac{12x}{6} - \frac{6}{6}$$

$$2x-1$$

$$\frac{9x+3}{-3} - 3x-1$$

$$\frac{-4-2x}{4}$$

$$\frac{-4}{4} - \frac{2x}{4}$$

$$-1 - \frac{1}{2}x$$

$$\frac{3x+27}{9} \quad \frac{1}{3}x+3$$

Pyramid puzzle

$$\begin{array}{cccc} 3 & -10 & 7 & 8 \\ & -7 & -3 & 15 \\ 2x+1 & 5x-6 & -10 & 12 \\ & 7x-5 & 2 & \end{array}$$