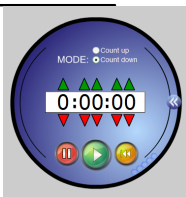


Wednesday, September 11

Planner
 Check 2.5 Day 1 HW
 Continue 2.5 Day 2
 The (Complex) Distributive Property

HW
 2.5 Worksheet



Expression:

$$7x + 5 + 3x + 8$$

terms → the parts that are being added

like terms → the 7x and 3x and 5 & 8
 (they are the same forms of variable x and then the plain #'s)

coefficients → numerical parts of "x" (7 and 3)

constants → the plain numbers (5 and 8)

Simplified Answer = $10x + 13$

Identify the terms, like terms, coefficients, and constant terms of the expression.....

5. $(-5) + 8x - 10x + 8$
 T: -5, 8x, -10x, 8 C: 8, -10 -2x+3
 LT: 8x+70x, -5+8 CT: 8, -5

6. $4xy + 30 + 9xy - 15y^2$
 T: 4xy, 3y, 9xy, -15y² C: 4, 3, 9, -15
 LT: 4xy+9xy CT: None
 13xy+3y-15y²

Simplify the expression.....

7. $8 + (-13x)$ 8. $9y + 1y$ $y+y=2y$
 $8-13x$ $10y$ $y-y=y^0$

9. $-5(7x + 4y) - 10(3x - 2y)$
 $-5(7x) - 5(4y) - 10(3x) - 10(-2y)$
 $-35x - 20y - 30x + 20y$
 $-65x + 0y$
 $-65x + 0$
 $-65x$

Translate and Simplify.....

10. Five times the difference of y and 2, increased by the sum of y and 11.

$5(y-2) + y+11$
 $5(y)+5(-2) + y+11$
 $-10+11$ $5y-10+y+11$
 $11-10$ $6y+1$