

1. a) 126 b) -2

2. a) 16 b) 15

3. a) $\frac{9}{20}$ b) $9\frac{1}{3}$

4. a) 500 b) -36

5. Area = 42 ft^2

Perimeter = 26.4 ft

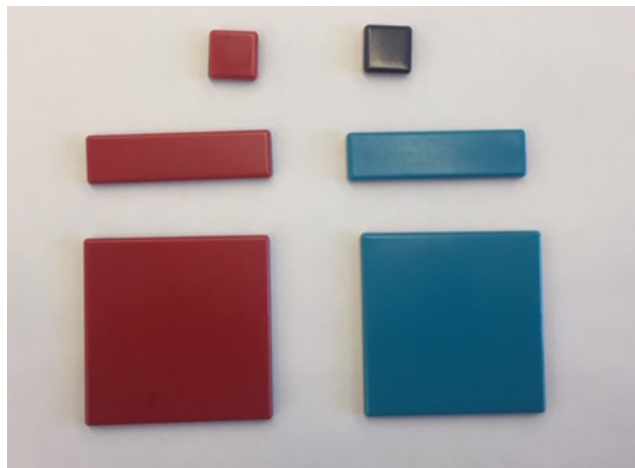
Formative

Summative

Red = Negative

Not Red = Positive

The company is "in the red".



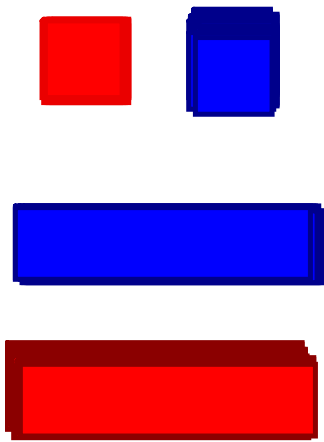
Expression Mat

Not Red

$$\square = +1$$

Red

$$\square = -1$$



Expression Mat

Build

$$-2 + 2x + 1 - x + (-5) + 2x$$

Not Red

$$\square = +1$$

Red

$$\square = -1$$

Expression Mat
Build.

$$-2 + 2x + 1 - x + (-5) + 2x$$

Not Red $\square = +1$ Red $\square = -1$

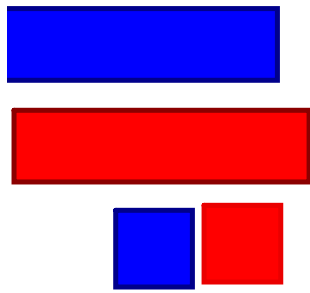
Expression Mat
Simplify.

$$-2 + 2x + 1 - x + (-5) + 2x$$

zero pairs

Not Red Red

= + 1 = - 1



Simplified.

$$-2 + 2x + 1 - x + (-5) + 2x$$

$3x - 6$
 or $3x + -6$

Not Red

 = + 1

Red

 = - 1

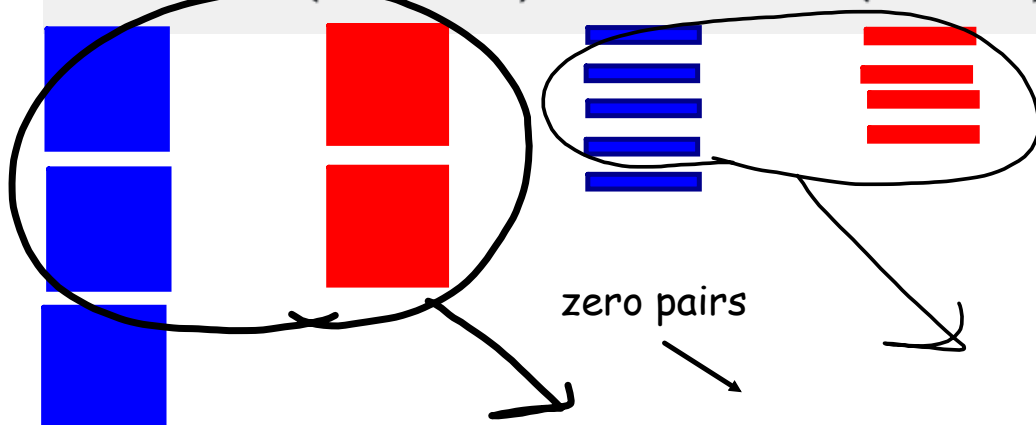
Copy and rewrite the following expressions by combining like terms and making zeros. Using or visualizing algebra tiles may be helpful.

$$3x^2 + (-2x^2) + 5x + (-4x)$$



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$$3x^2 + (-2x^2) + 5x + (-4x)$$



A hand-drawn circle containing the expression $x^2 + x$. The x^2 term is written with a superscript 2, and the x term is written as a single variable. The entire expression is enclosed in a hand-drawn oval with an arrow pointing to the right.

