

Turn quiz over when done.

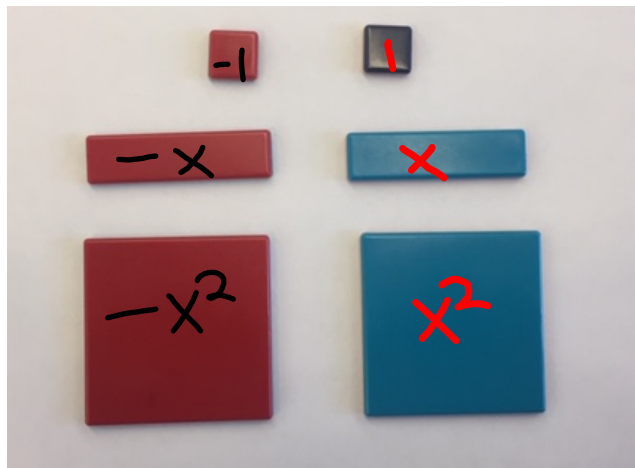
HW 17 due tomorrow.

HW 18 due Friday 2/14. 

Red = Negative



Not Red = Positive

The company is "in the red".



# Expression Mat

Not Red                      Red

 = + 1                       = - 1

Build  $-3$  on your mat.

Expression Mat

One way...

Another way

Not Red  $\square = +1$

Red  $\square = -1$

zero pair

Expression Mat

$$-1 - (-4) = 3$$

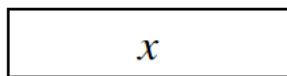
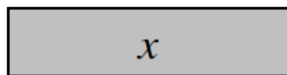
three zero pairs

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

## Expression Mat

Which is greater,  $x$  or  $-x$ ?

We can't say, since we don't know if  $x$  is positive or negative.



Not Red

Red

$$\square = +1$$

$$\square = -1$$

Expression Mat


Build


$$2 + 2x + x + (-3) + (-3x)$$

The diagram shows a collection of blocks used to build the expression. On the left, under the label "Not Red", there are three blue blocks: two small vertical rectangles and one larger horizontal rectangle. On the right, under the label "Red", there are six red blocks: three small vertical rectangles and three larger horizontal rectangles. A legend at the bottom shows a grey square representing +1 and a white square representing -1.

Not Red

Red

 = + 1

 = - 1

Zero pairs are circled.

Expression Mat

~~Build~~ Simplify.

$2 + 2x + x + (-3) + (-3x)$

Not Red                      Red

= + 1                     
  = - 1





