

September 15, 2011

Warm-up:

Add.

1. $9 + 9$ 18

2. $-7 + (-7)$ -14

3. $-3 + (-3) + (-3)$ -9

4. $5 + 5 + 5$ 15

5. $6 + 6 + 6 + 6$ 24

6. $-4 + (-4) + (-4) + (-4)$ -16

6 pts

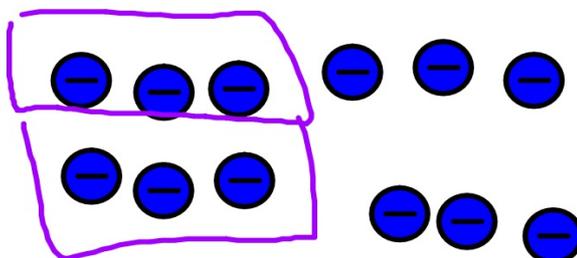
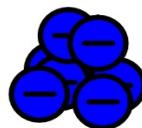
9/14 - Multiplying Integers

"Multiplication is repeated addition."

Discuss with your partner

$$2 \times -3$$

$$4 \times -3$$





Multiplying 2 positives:

always positive

Multiplying 1 positive and 1 negative:

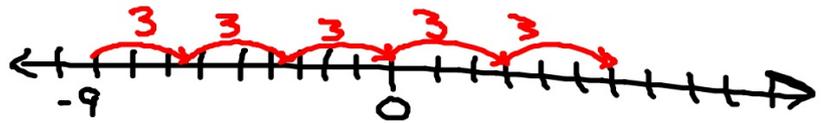
2 groups of 7 negatives

always negative

Work with a partner. Use a table to find $-3 \cdot (-2)$.

Describe the pattern in the table. Use the pattern to complete the table.

-3	\cdot	3	$=$	-9
-3	\cdot	2	$=$	-6
-3	\cdot	1	$=$	-3
-3	\cdot	0	$=$	0
-3	\cdot	-1	$=$	3
-3	\cdot	-2	$=$	6



$$-3 \cdot (-2) = \underline{6}$$

Multiplying 2 positives:

always positive

Multiplying 1 positive and 1 negative:

always negative

Multiplying 2 negatives:

always positive

Silly rules to remember:

Bad = negative

Good = positive

joker

hit by truck

batman

\$ 1 mill

Person action outcome

+	x	+	=	+
-	x	+	=	-
+	x	-	=	-
-	x	-	=	+

Homework:

Worksheet
due Monday
