

HW: IXL Skill Practice (on Google Classroom) (score 85 or above)

**Warm up:**

1)  $-4 + 2 = -2$       6)  $-7 + 7 = 0$

2)  $-3 + -5 = -8$       7)  $-5 + (-2) = -7$

3)  $3 + -11 = -8$       8)  $1 - 8 = -7$

4)  $-2 + -2 = -4$       9)  $-9 - 6 = -15$

5)  $-6 + 10 = 4$       10)  $3 - (-6) = 9$

# Multiplication and Division

same sign - positive

different signs - negative

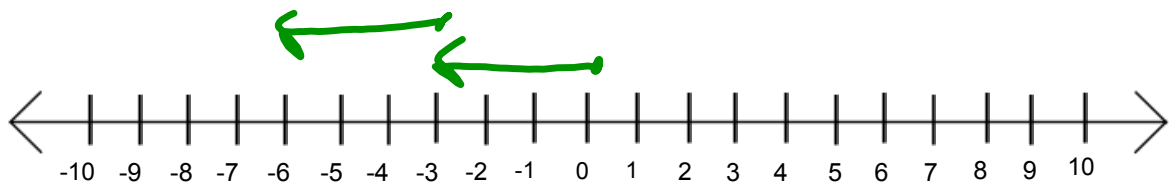
$$-9(-2) = 18$$

$$4(-7) = -28$$

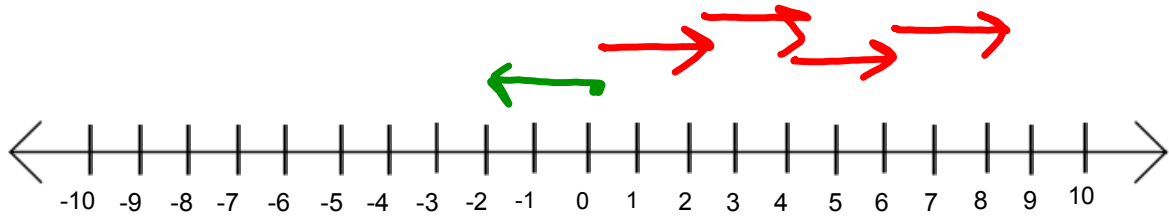
$$\frac{-10}{-2} = 5$$

$$\frac{-66}{3} = -22$$

$$-3 \times 2$$



$$-2(-4)$$



$$-6^2$$

$-(6^2)$

$-36$

~~$\neq$~~

$$(-6)^2$$

$(-6)(-6)$

$36$

$3^5$

$3 \cdot 3 \cdot 3 \cdot 3 \cdot 3$

$$-5^2 = -25$$

$$(-2)^3 = (-2)(-2)(-2)$$

$$4(-2) = \textcircled{-8}$$

$$(-8)^2 = 64$$

$$-2^3 = \textcircled{-8}$$

$$(-3)^2 = 9$$

$$-3^2 = -9$$

$$(-2^2) = -4$$

$$(-2)^2 = 4$$

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

$$-6^2$$

$$-36$$



$$\begin{aligned} (-9)^2 &= (-9)(-9) \\ 81 \end{aligned}$$

1)  $6(-2) = -12$

2)  $-7(-3) = 21$

3)  $-5(5) = -25$

4)  $\frac{15}{-3} = -5$

5)  $\frac{-20}{-5} = 4$

6)  $\frac{-60}{2} = -30$

7)  $(-4)^2 = 16$

8)  $-7^2 = -49$

9)  $-9^2 = -81$

10)  $(-10)^2 = 100$

11) The temperature dropped  $3^\circ$  each day for 5 days. What was the overall change in temperature?

$$-3(5) = -15$$

$-15^\circ$