

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

Warm up:

1) $-4 + 2 = -2$

6) $-7 + 7 = 0$

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

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

3) $3 + -11 = -8$

8) $1 - 8 = -7$
 $1 + (-8)$

4) $-2 + -2 = -4$

9) $-9 - 6 = -15$
 $-9 + (-6)$

5) $-6 + 10 = 4$

10) $3 + (+6) = 9$

Multiplication and Division

same sign - positive

different signs - negative

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

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

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

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

$$-6^2$$

$-(6^2)$

-36

\neq

$$(-6)^2$$

$(-6)(-6)$

36

$$-5^2 = -25$$

$$(-2)^3 = (-2)(-2)(-2) = -8$$

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

$$-2^3 = -8$$

$$-3^2 = -9$$

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

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

$$\frac{1+3}{(1+3)}$$

$$-2^2$$

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° each day for 5 days. What was the overall change in temperature?

$$-3(5)$$

$$\textcircled{-15^\circ}$$

$$\begin{array}{l} -2(-7) \\ 14 \end{array}$$

$$\begin{array}{l} -3 - 10 \\ -3 + (-10) \\ \textcircled{-13} \end{array}$$

$$4 + (-9)$$
$$-5$$

$$4(-10)$$
$$- 40$$

$$-5 + (-4)$$
$$-1$$

$$\frac{-22}{-2} = 11$$

$$9(-3)$$

$$-27$$

$$9 - (-2)$$
$$9 + 2$$
$$\textcircled{11}$$

$$-9(-5)$$
$$45$$

