

10/1/18

Be able to multiply integers.

23

$$2 \times 3 =$$

$$2 \cdot 3 =$$

$$2(3) =$$

Two groups of three

$$\therefore \therefore = +6$$

$$3(-4) = -12$$

$\therefore \therefore \therefore$

Three groups of
4 negatives

$$-5(2) = -10$$

$-(\ominus \ominus \ominus \ominus \ominus)$

The opposite of
5 groups of
2 positives

$$-4(-2) = +8$$

$-(\ominus \ominus \ominus \ominus)$

The opposite of
4 groups of
2 negatives

Addition
Rules

$$\boxed{+} + \boxed{+} = +$$

Multiplication
Rules

$$\boxed{+} \cdot \boxed{+} = +$$

$$\boxed{-} + \boxed{-} = -$$

$$\boxed{+} \cdot \boxed{-} = -$$

$$\boxed{+} + \boxed{-} = ?$$

$$\boxed{-} \cdot \boxed{-} = +$$

It depends

$$\textcircled{1} \quad -1(1) = -1 \quad \textcircled{4} \quad (-5)(-2) = +10$$

$$\textcircled{2} \quad -7(-3) = +21 \quad \textcircled{5} \quad (-8)(-4)(-2)(0) = 0$$

$$\textcircled{3} \quad 6(-4) = -24$$

