

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Learning Goal 1.2**

I can multiply and divide integers.

Integer 1      ×      Integer 2

Always start at \_\_\_\_\_ on the number line.

**Example** Find the following **product** by modelling the equation.

a.  $(+3) \times (+2)$



b.  $(+3) \times (-2)$



c.  $(-3) \times (+2)$



d.  $(-3) \times (-2)$

**Sign Rule**

- When the integers have the same sign,
- When the integers have different signs,

Once more, models are

**Example** Find the following **products** without modelling.

a.  $(-8) \times (-2)$

b.  $(-4) \times 9$

c.  $(-9) \times 6$

d.  $4 \times (-3) \times (-2)$

**Example** Dwayne owns 325 shares of Global Tech Media. Each share decreased by 33 cents over a period of one week. If this trend continues, what will the total change in value of Dwayne's shares be in eight weeks?