

Name: _____

Date: _____

Learning Goal 1.2

I can multiply and divide integers.

Integer 1 \div Integer 2

Always start at _____ on the number line.

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

a. $(+8) \div (+4)$



b. $(+8) \div (-4)$



c. $(-8) \div (+4)$



d. $(-8) \div (-4)$

**Sign Rule**

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

Last time (for now), models are

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

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

b. $(-12) \div 4$

c. $(-63) \div 7$

d. $24 \div (-4) \div (-6)$

Example Daria and her friends went out for lunch. They agreed to split the cost equally. The total bill came to \$85, which Daria put on her credit card. How much did each of her friends owe Daria?