

Name \_\_\_\_\_

Date \_\_\_\_\_

## Lesson 16: Applying the Properties of Operations to Multiply and Divide Rational Numbers

### Exit Ticket

1. Evaluate the expression below using the properties of operations.

$$18 \div \left(-\frac{2}{3}\right) \times 4 \div (-7) \times (-3) \div \left(\frac{1}{4}\right)$$

2. a. Given the expression below, what will the sign of the product be? Justify your answer.

$$-4 \times \left(-\frac{8}{9}\right) \times 2.78 \times \left(1\frac{1}{3}\right) \times \left(-\frac{2}{5}\right) \times (-6.2) \times (-0.2873) \times \left(3\frac{1}{11}\right) \times A$$

- b. Give a value for  $A$  that would result in a positive value for the expression.

Give a value for  $A$  that would result in a negative value for the expression.