7.NS.2
Formative Assessment

Name_____

In problems 1 – 5, determine whether the statement is **ALWAYS**, **SOMETIMES** or **NEVER TRUE** – use a model to prove your answer.

1. The product of a positive and negative integer is _____ negative.

2. The quotient of a positive and negative integer is _____ positive.

3. The product of integers with the same signs is _____ positive.

4. The quotient of two negative mixed numbers is _____ positive.

5. The product of two positive improper fractions is _____ greater than one.

Simplify:

6. $(-3)(-2)$

7. $(-5)(-2)(-1)$

8. $(-3)^3$

9. $(-12) \div (-2)(3)$

10. $\left(-4\frac{1}{5}\right)\left(-1\frac{3}{7}\right)$

11. $-\frac{18}{33} \div \frac{24}{55}$