

Name: _____

Date: _____

Mr. Williams

Activity # _____

**Topic: Multiplying Rational
Homework**

Tell whether the expression is *positive* or *negative* without evaluating.

1. $\frac{-7.5}{4.25}$

2. $\frac{4}{9} \times \left(-\frac{6}{7}\right)$

3. $-\frac{1}{5} \div \left(-\frac{2}{3}\right)$

4. $-3.2 \times (-1.7)$

Divide. Write fractions in simplest form.

5. $-\frac{2}{7} \div \frac{10}{7}$

6. $-\frac{1}{2} \div \left(-\frac{3}{4}\right)$

7. $\frac{2}{3} \div (-14)$

8. $-1\frac{1}{6} \div \frac{5}{3}$

9. $-0.72 \div (-0.9)$

10. $5.4 \div (-3.6)$

Multiply. Write fractions in simplest form.

11. $\frac{2}{5} \times \left(-\frac{10}{7}\right)$

12. $-\frac{3}{4} \cdot \left(-\frac{10}{9}\right)$

13. $\frac{3}{2} \left(-2\frac{2}{9}\right)$

14. $\left(-1\frac{3}{8}\right)^2$

15. -3.7×2.1

16. $-5.7 \cdot (-2.06)$