

Name: _____

Date: _____

Learning Goal 3.3

I can multiply and divide rational numbers.

Recall Dividing integers:

a. $8 \div 7$

b. $(-8) \div 7$

c. $7 \div (-8)$

d. $(-11) \div (-9)$

e. $(-14) \div 5$

f. $2 \div (-12)$

Recall Dividing decimals:

a. $8.6 \div 6.3$

b. $(-6.3) \div 8.6$

c. $(-3.2) \times (-7.4)$

Finally Dividing Fractions:

1. Proper and Improper Fractions.

a. $\frac{2}{5} \div \frac{3}{7}$

b. $\left(-\frac{2}{7}\right) \div \frac{5}{2}$

c. $\frac{3}{7} \div \left(-\frac{4}{7}\right)$

d. $\left(-\frac{5}{6}\right) \div \left(-\frac{11}{3}\right)$

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

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

2. Mixed Fractions.

a. $3\frac{2}{5} \div 1\frac{1}{2}$

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

c. $4\frac{2}{5} \div \left(-2\frac{3}{4}\right)$