

Multiplying and Dividing Rational Numbers**Multiplying Fractions**

When multiplying:

1. _____

2. _____

3. _____

4. _____

Example: Multiply each of the following:

a) $\frac{2}{3} \times \frac{6}{7}$

b) $7\frac{1}{2} \times 1\frac{3}{5}$

c) $\frac{2}{3} \times \frac{3}{5} \times 8$

d) $\left(-\frac{3}{4}\right) \times \left(-1\frac{2}{3}\right) \times \left(2\frac{6}{7}\right)$

MPM1DI U1D3

Dividing Fractions

When dividing fractions:

1. _____

2. _____

3. _____

Example: Divide each of the following:

a) $\frac{5}{4} \div \frac{5}{2}$

b) $\frac{7}{8} \div 2\frac{1}{10}$

c) $5\frac{3}{5} \div 1\frac{9}{15}$