

Name: _____

Arithmetic Operations with Rational Numbers

A) Multiply the following Fractions (reduce all fractions to lowest terms)

1) $6 \times \frac{2}{18}$

2) $\frac{6}{7} \times \frac{2}{5}$

3) $\frac{4}{9} \times \frac{3}{8}$

4) $\frac{8}{21} \times \frac{49}{16}$

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

6) $4\frac{1}{3} \times 3\frac{2}{5}$

B) Divide the following Fractions (reduce all fractions to lowest terms)

7) $6 \div \frac{1}{9}$

8) $\frac{1}{9} \div 6$

9) $\frac{2}{3} \div \frac{1}{5}$

10) $1\frac{1}{3} \div \frac{5}{6}$

11) $2 \div 1\frac{5}{7}$

12) $5\frac{1}{4} \div 2\frac{2}{7}$