

## 1.0 – Fractions Review WORKSHEET

Name: \_\_\_\_\_

Date: \_\_\_\_\_

*\*Show all work and circle answer\**

1. Reduce (put into lowest terms) if possible.

a)  $\frac{3}{6}$       b)  $\frac{16}{20}$       c)  $\frac{3}{4}$       d)  $\frac{21}{-49}$       e)  $\frac{15}{9}$       f)  $\frac{-6}{30}$       g)  $\frac{1}{8}$       h)  $\frac{30}{75}$

2. Add or subtract and then reduce (if necessary).

a)  $\frac{2}{3} - \frac{1}{3}$       b)  $\frac{3}{4} + \frac{1}{4}$       c)  $\frac{1}{10} + \frac{2}{5}$       d)  $\frac{5}{8} - \frac{1}{4}$       e)  $\frac{-5}{6} + \frac{2}{3}$       f)  $\frac{3}{8} - \frac{-1}{3}$       g)  $\frac{4}{5} - \frac{2}{3}$

3. Multiply and then reduce (if necessary).

a)  $\frac{1}{6} \times \frac{4}{5}$       b)  $\frac{4}{9} \times \frac{-3}{4}$       c)  $\frac{3}{8} \times 3$       d)  $\frac{-2}{5} \times \frac{3}{2}$       e)  $\frac{5}{-2} \times \frac{1}{-3}$       f)  $\frac{6}{5} \times \frac{3}{2}$

4. Divide and then reduce (if necessary).

a)  $\frac{1}{3} \div \frac{1}{2}$       b)  $\frac{9}{10} \div \frac{-1}{2}$       c)  $(-2) \div \frac{4}{5}$       d)  $\frac{4}{5} \div \frac{2}{3}$       e)  $\frac{-1}{-4} \div \frac{1}{6}$

5. Solving with Cross Multiplication (need 1 fraction = 1 fraction). *Decimal answers possible.*

a)  $\frac{6}{5} = \frac{x}{10}$       b)  $\frac{1}{12} = \frac{16}{x}$       c)  $\frac{1760}{1} = \frac{y}{6.4}$       d)  $\frac{3.28}{1} = \frac{6}{x}$