

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) $\frac{3.28}{1} = \frac{6}{x}$