

Review 2

Name: _____ Date: _____

Solve each problem. Show all of your work. You may use a calculator and notes.

1. Write each fraction in lowest terms.

(a) $\frac{8}{72}$

(d) $\frac{3}{6}$

(b) $\frac{4}{12}$

(e) $\frac{6}{24}$

(c) $\frac{3}{21}$

(f) $\frac{12}{96}$

2. Write each mixed number as an improper fraction in lowest terms.

(a) $1\frac{4}{9}$

(d) $2\frac{1}{2}$

(b) $3\frac{5}{8}$

(e) $5\frac{2}{3}$

(c) $1\frac{2}{3}$

(f) $2\frac{9}{32}$

3. Write each improper fraction as a mixed number in lowest terms.

(a) $-\frac{16}{5}$

(d) $\frac{52}{11}$

(b) $\frac{250}{100}$

(e) $\frac{8}{2}$

(c) $\frac{16}{12}$

(f) $\frac{24}{8}$

4. Write each decimal as a proper fraction or mixed number in lowest terms.

(a) 7.2

(d) 1.125

(b) 8.32

(e) 6.875

(c) 0.72

(f) 1.2125

5. Write each item as a decimal rounded as indicated.

(a) $\frac{32}{7}$; thousandths

(d) 1, 225, 729; thousands

(b) $14\frac{9}{16}$; hundredths

(e) $\frac{9}{16}$; tenths

(c) 3, 739; hundreds

(f) $\frac{29}{64}$; thousandths

6. Multiply 42.86 by 5.5. Round the result to the nearest tenth.

7. Round to the nearest tenth the sum of 4.35, 8.6, and 3.51.

8. Round to the nearest tenth the ratio of 0.822 feet to 0.6 feet.

9. Find to the nearest hundredth 33.617 divided by 12.64.

10. Divide 425 by 17.2. Round the quotient to the nearest hundredth.