

Name _____ Date _____ Period _____

Fraction, Decimal and Percent Conversions

1. Converting fractions to decimals and percents (option 1). When the denominator is a factor of 100, converting to a fraction out of 100 is the way to go.

a. $\frac{1}{4}$

Decimal:

Percent:

b. $\frac{2}{5}$

Decimal:

Percent:

C. $\frac{24}{25}$

Decimal:

Percent:

d. $\frac{23}{20}$

Decimal:

Percent:

e. $\frac{2}{25}$

Decimal:

Percent:

2. Converting fractions to decimals and percents (option 2). When the denominator is not a factor of 100, dividing is the way to go.

a. $\frac{1}{3}$

Decimal:

Percent:

b. $\frac{3}{8}$

Decimal:

Percent:

c. $\frac{5}{6}$

Decimal:

Percent:

d. $\frac{4}{9}$

Decimal:

Percent:

e. $\frac{5}{11}$

Decimal:

Percent:

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3. For each problem, use option 1 or 2 to convert the fractions to decimals and percents.

a. $\frac{3}{4}$

Decimal:

Percent:

b. $\frac{7}{8}$

Decimal:

Percent:

c. $\frac{19}{20}$

Decimal:

Percent:

d. $\frac{2}{3}$

Decimal:

Percent:

4. Use your knowledge of percents, decimals and fractions to find the decimal, percent and/or fractions in each problem. No need to reduce the fraction.

a. 0.12

Percent:

Fraction:

b. 0.84

Percent:

Fraction:

c. 21%

Fraction:

Decimal:

d. 5%

Fraction:

Decimal:

e. $\frac{6}{10}$

Decimal:

Percent:

f. $\frac{5}{8}$

Decimal:

Percent: