

# Decimals

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

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

## Convert Between Percent, Decimal and Fraction.

### Convert Decimal to Fraction

a) 5.35 = \_\_\_\_\_

b) 4.338 = \_\_\_\_\_

c) 0.95 = \_\_\_\_\_

d) 8.68 = \_\_\_\_\_

### Convert Fraction to Decimal

a)  $\frac{85}{4}$  = \_\_\_\_\_

b)  $\frac{28}{32}$  = \_\_\_\_\_

c)  $\frac{42}{8}$  = \_\_\_\_\_

d)  $\frac{49}{14}$  = \_\_\_\_\_

### Convert Decimal to Percent

a) 1.384 = \_\_\_\_\_

b) 7.62 = \_\_\_\_\_

c) 2.62 = \_\_\_\_\_

d) 8.57 = \_\_\_\_\_

e) 9.634 = \_\_\_\_\_

f) 8.012 = \_\_\_\_\_

### Convert Percent to Decimal

a) 7.628 % = \_\_\_\_\_

b) 215 % = \_\_\_\_\_

c) 1.328 % = \_\_\_\_\_

d) 6.74 % = \_\_\_\_\_

e) 183 % = \_\_\_\_\_

f) 443 % = \_\_\_\_\_

# Decimals

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

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

## Convert Between Percent, Decimal and Fraction.

### Convert Decimal to Fraction

a)  $5.35 = \frac{535}{100} = \frac{107}{20}$

b)  $4.338 = \frac{4338}{1000} = \frac{2169}{500}$

c)  $0.95 = \frac{95}{100} = \frac{19}{20}$

d)  $8.68 = \frac{868}{100} = \frac{217}{25}$

### Convert Fraction to Decimal

a)  $\frac{85}{4} = \underline{21.25}$

b)  $\frac{28}{32} = \underline{0.875}$

c)  $\frac{42}{8} = \underline{5.25}$

d)  $\frac{49}{14} = \underline{3.5}$

### Convert Decimal to Percent

a)  $1.384 = \underline{138.4\%}$

b)  $7.62 = \underline{762\%}$

c)  $2.62 = \underline{262\%}$

d)  $8.57 = \underline{857\%}$

e)  $9.634 = \underline{963.4\%}$

f)  $8.012 = \underline{801.2\%}$

### Convert Percent to Decimal

a)  $7.628\% = \underline{0.07628}$

b)  $215\% = \underline{2.15}$

c)  $1.328\% = \underline{0.01328}$

d)  $6.74\% = \underline{0.0674}$

e)  $183\% = \underline{1.83}$

f)  $443\% = \underline{4.43}$