

Name: _____

Date: _____

Decimals to Percentages

To change a Decimal Fraction to a Percentage multiply by 100 or shift the point 2 places to the right.

Examples:

Change 0.23 to a percentage.  $0.23 \times 100 = 23\%$

Change 0.345 to a percentage.  $0.345 \times 100 = 34.5\%$

Change the following Decimal Fractions to Percentages.

a) $0.45 =$

b) $0.57 =$

c) $0.8 =$

d) $0.6 =$

e) $0.85 =$

f) $0.02 =$

g) $1.43 =$

h) $0.281 =$

i) $3.45 =$

j) $0.643 =$

To change a Percentage to a Decimal Fraction divide by 100, or shift the point two places to the left.

Examples:

Change 28% to a decimal $28 \div 100 = 28.0 = 0.28$

Change 2% to a decimal $2 \div 100 = 2.0 = 0.02$

Change 150% to a decimal $150 \div 100 = 150 = 1.50$

Change these Percentages to Decimal Fractions.

k) $12\% =$

l) $15\% =$

m) $20\% =$

n) $35\% =$

o) $5\% =$

p) $75\% =$

q) $3\frac{1}{2}\% =$

r) $9\% =$

s) $145\% =$

t) $120\% =$