

Name : _____

Chapter 7 – Percentage

a) Express each fraction as a percentage.

- 1) Multiply the fraction by 100.
- 2) Multiply the numerator.
- 3) Multiply the denominator.
- 4) Simply or divide.

$$\text{Example : } \frac{3}{10} = \frac{3}{10} \times 100 = \frac{300}{10} = 30 \%$$

$$\frac{19}{25} = \frac{19}{25} \times 100 = \frac{1900}{25} = 76 \%$$

a) $\frac{7}{10} =$ %	b) $\frac{2}{5} =$ %	c) $\frac{7}{20} =$ %
d) $\frac{16}{40} =$ %	e) $\frac{15}{300} =$ %	f) $\frac{44}{200} =$ %

b) Express each decimal as a percentage.

1) Multiply the decimal by 100

2) Shift the decimal point 2 places to the right.

Example : $0.8 = 0.\overset{\text{---}}{8}0 \times 100 = 80\%$

$0.43 = 0.\overset{\text{---}}{4}3 \times 100 = 43\%$

$2.58 = 2.\overset{\text{---}}{5}8 \times 100 = 258\%$

a) $0.5 =$ %	b) $0.43 =$ %	c) $0.8 =$ %	d) $0.35 =$ %
e) $0.56 =$ %	f) $0.82 =$ %	g) $0.99 =$ %	h) $1.24 =$ %