

Name : _____

Chapter 7 – Percentage

a) Express each percentage as a fraction in its simplest form

- 1) Write the percentage as a fraction with 100 as its denominator.
- 2) Simplify the fraction and change to mixed number if necessary.

Example : $20\% = \frac{20}{100} = \frac{2 \div 2}{10 \div 2} = \frac{1}{5}$

$$110\% = \frac{110}{100} = \frac{11}{10} = 1 \frac{1}{10}$$

a) $40\% = \underline{\hspace{2cm}}$	b) $16\% = \underline{\hspace{2cm}}$	c) $25\% = \underline{\hspace{2cm}}$
d) $56\% = \underline{\hspace{2cm}}$	e) $75\% = \underline{\hspace{2cm}}$	f) $150\% = \underline{\hspace{2cm}}$

b) Express each percentage as a decimal

1) Write the percentage a fraction with 100 as its denominator.

2) Shift the decimal point 2 places to the left when dividing.

Example : $8\% = \frac{8}{100} = 0.\underline{0}\underline{8} \div 100 = 0.08$

$$57\% = \frac{57}{100} = 0.\underline{5}\underline{7} \div 100 = 0.57$$

$$129\% = \frac{129}{100} = 1.\underline{2}\underline{9} \div 100 = 1.29$$

a) 6% =	b) 10% =	c) 20% =	d) 32% =
e) 45% =	f) 60% =	g) 82% =	h) 134% =