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) Simply the fraction and change to mixed number if necessary.

Example : 20% = $\frac{2\cancel{0}}{10\cancel{0}} = \frac{2\div2}{10\div2} = \frac{1}{5}$

110% = $\frac{11\cancel{0}}{10\cancel{0}} = \frac{11}{10} = 1\frac{1}{10}$

a) 40% = ——	b) 16% = ——	c) 25% = ——
d) 56% = ——	e) 75% = ——	f) 150% = ——

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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 0 8 ÷ 100 = 0.08

57 % = $\frac{57}{100}$ = 0 5 7 ÷ 100 = 0.57

129 % = $\frac{129}{100}$ = 1 2 9 ÷ 100 = 1.29

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

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