

**MPM 1D Unit 1 Handout #6
Calculations with Percent****Date:****Name:**

Remember that a percent represents a part of 100. We can express percentage values as decimals (divide by 100) and fractions (over 100, reduce to lowest terms) as well.

When you are doing real life problems, make sure that your answers make sense! If they don't, rethink your approach.

Part 1: Do the Math

1. Complete the following table:

Fraction	Decimal	Percent
$\frac{5}{8}$		
	0.057	
		6%
		112%
$\frac{1}{12}$		
	0.403	

2. Calculate the indicated percent of each number. Show your work.
- a. 75% of 80 b. 3% of 410 c. 1.78% of \$12000
- d. 0.4% of 25 e. 11% of 22.73 f. 13% of \$45.75
3. 12% of a number is 6.6. What is the number? Show your work.
4. 115% of a number is 816.5. What is the number? Show your work.

