Study the following.

Changing a percent to a fraction.

First Way Change to a number over 100, then reduce.

Examples: $25\% = 25/100 = ¼$

$125\% = 125/100 = 5/4$ or $1 ¼$

$$2.5\% = \frac{2.5}{100} = \frac{2.5}{100} \times \frac{\boxed{10}}{\boxed{10}} = \frac{25}{1000} \div \frac{\boxed{25}}{\boxed{25}} = \frac{1}{40}$$

Change to a fraction by first changing to a number over 100. Reduce.

1.   5%

2.   90%

3.   25%

4.   16%

5.   50%

6.   4%

7.   250%

8.   7.5%

9.   310%

10.   19%

11.   15.5%

12.   20%

Second Way   Change to a decimal then to a fraction and reduce.

Examples: $25\% = .25 = 25/100 = ¼$

$125\% = 1.25 = 125/100 = 5/4$ or $1\,¼$

$2.5\% = .025 = 25/1000 = 1/40$

Change to a fraction by first changing to a decimal. Reduce.

1.   8%

2.   40%

3.   65%

4.   9%

5.   6%

6.   350%

7.   1.5%

8.   250%

9.   10.5%

10.   210%

11.   90.4%

12.   45%

Change to a decimal and a fraction.

	Percent	Decimal	Fraction
1.	.5%		
2.	80%		
3.	120%		
4.	6%		
5.	250%		
6.	.8%		
7.	1.6%		