

NAME \_\_\_\_\_ HW # 1

1. Write each percent as a simplified fraction.

a. 28% 28 A/B/C 100

$$\boxed{\frac{7}{25}}$$

b. 2%  $\boxed{\frac{1}{50}}$

c. 256%  $\boxed{2\frac{14}{25}}$

2. Write each percent as a decimal.

a. 21%  $\boxed{0.21}$

b.  $\frac{1}{4}\%$   $0.25\%$   
 $\boxed{.0025}$

c. 189%  $\boxed{1.89}$

3. Equivalent Forms of Numbers

Fraction	Decimal	Percent
$\frac{3}{4}$	0.75	75%
$\frac{\frac{125}{1000}}{1000} = \frac{1}{8}$	0.125	12.5%
$\frac{25}{10000} = \frac{1}{400}$	.0025	0.25%

4. Find 9% of 45

$(.09)(45)$   
 $\boxed{4.05}$

5. What is  $12\frac{1}{2}\%$  of 12?  
 $12.5\%$

$(.125)(12)$   
 $\boxed{1.5}$

6. Find 160% of 5.2

$(1.6)(5.2)$   
 $\boxed{8.32}$

7. What is  $41\frac{1}{3}\%$  of 50?

$41.333... \%$

Type in at least 10 3s.

$(.413333...)(50)$   
 $\boxed{20.\bar{6} \text{ or } 20\frac{2}{3}}$