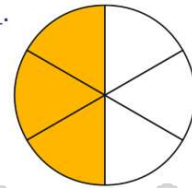




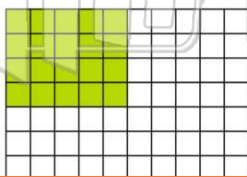
Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 If the percent is unknown, it can be calculated by **dividing the result by the base**.  
 Ex:  $\_ \%$  of 100 = 50, so  $\_ \% = \frac{50}{100}$  or 50%.  
 Solve this problem:  $\_ \%$  of 40 = 8  
 A 20% of 40 = 8    C 8% = 40 = 20  
 B 32% of 40 = 8    D 3.2% of 40 = 8

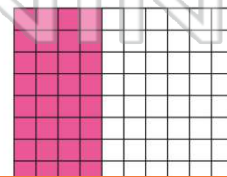
2  $\_ \%$  of 60 = 30, therefore  $\_ \% = \frac{30}{60}$ .  
 The percent is \_\_\_\_.  
 A 90%  
 B 30%  
 C 50%  
 D 20%



3  $\_ \%$  of 80 = 20, therefore  $\_ \% = \frac{20}{80}$   
 A 8%  
 B 20%  
 C 60%  
 D 25%



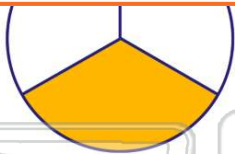
4  $\_ \%$  of 90 = 36, therefore  $\_ \% = \frac{36}{90}$   
 A 36%  
 B 40%  
 C 50%  
 D 45%



## PREVIEW

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B  $33\frac{1}{3}\%$   
 C  $40\frac{1}{10}\%$   
 D 60%



was the original price marked down.  
 $\_ \%$  of \$70 = \$28, therefore  $\_ \% = \frac{28}{70}$

A 28%    C 42%  
 B 50%    D 40%

9 A boat was on sale for 60% off. If the original price was \$6,700, how much has the price been reduced?  
 $60\% \text{ of } \$6,700 = .60 \times \$6,700 =$    
 A \$4,020    C \$4,200  
 B \$3,333    D \$2,500



10 The number of people living in New City has dropped by 50% and the population is now 250. What was the original population of this small city?

50% of \_\_\_\_ = 250

A 300    C 500  
 B 250    D 800





## ANSWER KEY

If the percent is unknown, it can be calculated by **dividing the result by the base**.

Ex:  $\_\%$  of 100 = 50, so  $\_\%$  =  $\frac{50}{100}$  or 50%.

Solve this problem:  $\_\%$  of 40 = 8

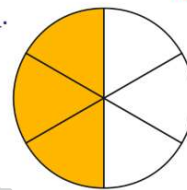
- A 20% of 40 = 8
- B 32% of 40 = 8
- C 8% of 40 = 20
- D 3.2% of 40 = 8

(a)

$\_\%$  of 60 = 30, therefore  $\_\%$  =  $\frac{30}{60}$ .

The percent is  $\_\%$ .

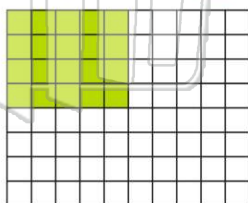
- A 90%
- B 30%
- C 50%
- D 20%



(c)

$\_\%$  of 80 = 20, therefore  $\_\%$  =  $\frac{20}{80}$

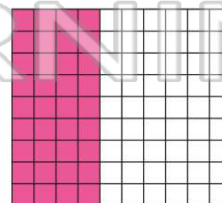
- A 8%
- B 20%
- C 60%
- D 25%



(d)

$\_\%$  of 90 = 36, therefore  $\_\%$  =  $\frac{36}{90}$

- A 36%
- B 40%
- C 50%
- D 45%



(b)



## PREVIEW

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- C  $40\frac{1}{10}\%$
- D 60%



$\_\%$  of \$70 = \$28, therefore  $\_\%$  =  $\frac{28}{70}$

- A 28%
- B 50%
- C 42%
- D 40%

A boat was on sale for 60% off. If the original price was \$6,700, how much has the price been reduced?

60% of \$6,700 = .60 x \$6,700 =

- A \$4,020
- B \$3,333
- C \$4,200
- D \$2,500



(a)

The number of people living in New City has dropped by 50% and the population is now 250. What was the original population of this small city?

50% of  $\_\%$  = 250

- A 300
- B 250
- C 500
- D 800



(c)