



# Applying Percents

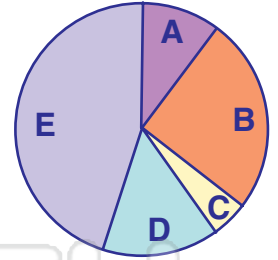
Math

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

1 What is the **percent increase** from 84 to 99? Circle the answer.

15%    16%    (99 - 84)  
17%    18%    84

6 What part of the circle graph shown equals approximately 45%?



A    B    C  
D    E

2 Tyrone bought a car for \$25,000. After 2 years, it was worth \$21,500. What is the **percent of decrease**? Show your work.



7 Adam saw a hat that cost \$21.49. The next week he saw the same hat marked \$19.99. What was the **percent of change**?



7% increase     8% decrease

3  
42%  
59%

## PREVIEW

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4

48%    17%  
20%    11%

C   
D   
F

22%    29%  
27%    33%



5 What is the **percent of change** from an average of 96 to an average of 85? Check the answer.

11% decrease     10% decrease  
 11% increase     10% increase

10 What is the **simple interest** earned on \$5,000 in a bank with a rate of 6% for 3 years?

\$75    \$750  
\$90    \$900





# Applying Percents - Answer Key

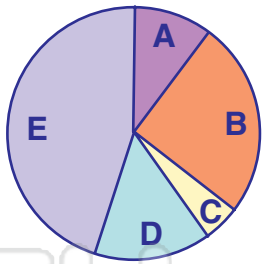
Math

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

1 What is the **percent increase** from 84 to 99? Circle the answer.


15%    16%    **(99 - 84)**  
 17%    **18%**    84

6 What part of the circle graph shown equals approximately 45%?




A    B    C  
 D    **E**

2 Tyrone bought a car for \$25,000. After 2 years, it was worth \$21,500. What is the **percent of decrease**? Show your work.



$(25,000 - 21,500) \div (25,000) = 3,500 \div 25,000 = 0.14 = 14\%$

7 Adam saw a hat that cost \$21.49. The next week he saw the same hat marked \$19.99. What was the percent of change?



$(21.49 - 19.99) \div 21.49 = 1.50 \div 21.49 \approx 0.07 = 7\%$

7% increase     8% decrease

3  
 42%  
 59%

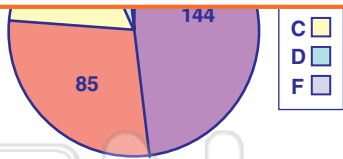


**PREVIEW**

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4

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