

TEST NAME: **Percent Increase/Decrease**
TEST ID: **391069**
GRADE: **07**
SUBJECT: **Mathematics**
TEST CATEGORY: **School Assessment**

Student: _____

Class: _____

Date: _____

- The price of a book is marked down from \$12.50 to \$10.00. What is the percent of decrease, before tax?
 - 20%
 - 25%
 - 40%
 - 80%

- Joe paid \$45 for a video game that was regularly priced at \$60. Which equation shows how to find the percent of the decrease?
 - $60 - 45 = x$
 - $\frac{x}{100} = \frac{15}{60}$
 - $\frac{x}{100} = \frac{45}{60}$
 - $\frac{45}{60} = x$

- In 1992, the population in a town was 8,000 people. In 1997, the population was 14,000. What was the percent increase in the population?
 - 43%
 - 57%
 - 75%
 - 133%

4. Joe's weekly pay increased from \$80 to \$100. What is the percent increase in Joe's weekly pay?
- A. 40%
 - B. 25%
 - C. 20%
 - D. 10%
5. The euro is the currency used in most European countries. This table shows the exchange rate between the euro and the U.S. dollar during a 6-month period.

Month	Euro Exchange Rate
January	0.701
February	0.731
March	0.737
April	0.746
May	0.796
June	0.819

Which answer is closest to the percent increase of the euro exchange rate from January to June?

- A. 8%
- B. 12%
- C. 14%
- D. 17%

6. The price of an item decreased by 10% each week for 4 weeks. What was the **approximate** percent of decrease of the price of the item after 4 weeks?
- A 34%
 - B 40%
 - C 60%
 - D 66%
7. Last year, John earned \$7.50 per hour working at a video store. This year, he is earning \$8.10 at the same job. By what percent did John's hourly rate increase?
- A 6%
 - B 7%
 - C 8%
8. A new automobile costs \$23,782, but after one year it is worth \$17,668. What is the **approximate** percent of decrease in the value of the automobile?
- A 6%
 - B 26%
 - C 33%
 - D 75%
9. The price of a pair of jeans decreases from \$45 to \$40. What is the approximate percentage of decrease?
- A 1%
 - B 11%
 - C 13%
 - D 89%

10. A stereo that normally sells for \$125 is on sale for \$90. By what percent has the price of the stereo been reduced?
- A. 28%
 - B. 35%
 - C. 39%
 - D. 72%
11. Bill had a salary of \$48,000 last year. This year his salary is \$49,920. What is the percent increase in Bill's salary?
- A. 2%
 - B. 3%
 - C. 4%
 - D. 5%
12. The value of an investment increased from \$750 to \$795. By which percentage did the value of the investment increase?
- A. 94.3%
 - B. 45%
 - C. 6%
 - D. 5.7%
13. In January, the students in a class read 72 books. In February, they read 56 books. What was the **approximate** percent decrease in the number of books read from January to February?
- A. 8%
 - B. 16%
 - C. 22%
 - D. 29%

14. The price of a mountain bike is decreased from \$150 to \$120. By what percent is the price decreased?

A. 20%

B. 25%

C. 30%

D. 80%