

Percent and Proportional Relationships

1. 1. What number is 24% of 50?

1 point

Mark only one oval.

A 12.5

B 11.5

C 12

D 13

2. 2. 9.5 is what percent of 25?

1 point

Mark only one oval.

A 40%

B 41.7%

C 38%

D 39.2%

3. 3. 39 is 52% of what number?

1 point

Mark only one oval.

A 69

B 78

C 62

D 75

4. 4. 20% of 150 is what number?

1 point

Mark only one oval.

A 45

B 30

C 25

D 15

5. 5. 35% of what number is 35?

1 point

Mark only one oval.

A 1

B 0.1

C 100

D 10

6. 6. What percent of 300 is 51?

1 point

Mark only one oval.

A 16%

B 17%

C 18%

D 19%

7. 7. Find the percent of change for 12 inches to 36 inches.

1 point

Mark only one oval.

- A 100%
- B 200%
- C 150%
- D 175%

8. 8. Find the percent of change for 24 songs to 78 songs

1 point

Mark only one oval.

- A 225%
- B 220%
- C 215%
- D 232%

9. 9. Find the percent of change for 68 miles to 42.5 miles

1 point

Mark only one oval.

- A 32.5%
- B 39.5%
- C 35.5%
- D 37.5%

10. 10. The original price of a pair of shorts is \$35. The sign next to the shorts says 25% off. What is the sales price of the shorts? 1 point

Mark only one oval.

- A \$29.15
- B \$30.55
- C \$26.25
- D \$24.95

11. 11. The Nike Store gets an order of sneakers from the warehouse. Each pair of sneakers costs the store \$56.50. The Nike Store sells each pair to the public for \$125. What was the mark up? 1 point

Mark only one oval.

- A 143%
- B 121%
- C 138%
- D 114%

12. 12. The price of a set of head phones is \$82. They are putting on sale for \$38.75. What is the mark down? 1 point

Mark only one oval.

- A 58.1%
- B 53.8%
- C 50.9%
- D 52.7%

13. 13. A savings account earns 5% simple interest per year. The principal is \$1200. What is the balance after 4 years? 1 point

Mark only one oval.

- A \$1440
- B \$1185
- C \$1370
- D \$1295

14. 14. A savings account earns 6.5% simple interest per year. The principal is \$1800. What is the balance after 3 years? 1 point

Mark only one oval.

- A \$2151
- B \$2048
- C \$1971
- D \$2288

15. 15. A saving account earns 7.36% simple interest per year. The principal is \$5200. What is the balance after 5 years? 1 point

Mark only one oval.

- A \$7406
- B \$6998
- C \$7256
- D \$7114

16. 16. You can find the word of the day by going back and finding the answer choice to question #2. Use that letter a, b, c, or d, to answer this question. (This is your bonus point question) 1 point

Mark only one oval.

- A Onward
- B Plan
- C Advance
- D Organize

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