Directions: Answer the following question(s).

1 **Which of the following situations results in a sale price that is less than or equal to $20.00? Select *two* that apply.**

A.   A $29.99 lamp is on sale for 35% off.

B.   A $39.99 set of pans is on sale for 45% off.

C.   A $49.99 chair is on sale for 60% off.

D.   A $59.99 video game is on sale for 40% off.

2 **Latasha earned 18 points on her quiz. If 24 points is equivalent to a score of 100%, which of the following proportions could she use to calculate her percent score? Select two that apply.**

A. $\dfrac{18}{24} = \dfrac{p}{100}$

B. $\dfrac{18}{24} = \dfrac{100}{p}$

C. $\dfrac{18}{100} = \dfrac{24}{p}$

D. $\dfrac{24}{18} = \dfrac{100}{p}$

3 **Dave works in an appliance store and is paid a 10% commission on his sales. If Dave sells $5000 worth of appliances in December, what will Dave's commission be for the month of December?**

A. $50

B. $500

C. $5000

D. $5500

4 **The original price of a toaster is $18.00. If the toaster is marked down 25%, what is the new price?**

A. $4.50

B. $13.50

C. $17.75

D. $22.50

Directions: Answer the following question(s).

5   **A bathing suit originally cost $33.00. Last week, Joanne bought it at 30% off.**

How much was deducted from the original price?

A. $9.90

B. $11.00

C. $23.10

D. $30.00

6   **Daniel bought a computer game for $25 and later sold it to Thomas for a 40% profit. How much did Daniel sell the computer game for?**

A. $10

B. $15

C. $35

D. $350

7   **Bonnie borrowed $2400.00 from the bank. Each year the bank charges 6% simple interest. How much interest will be owed in one year if no payments are made?**

A. $6.00

B. $24.00

C. $144.00

D. $400.00

Directions: Answer the following question(s).

8   **Brian's comic book collection increased from 120 to 150 comic books. By what percentage did his collection increase?**

A.   25%

B.   30%

C.   80%

D.   125%

9   **Yesterday the Bandits scored 56 points in their basketball game. Today they scored 42 points. What is the percent decrease of The Bandits score from yesterday to today?**

A.   14%

B.   25%

C.   75%

D.   86%

10   **The jewelry store is having a sale. Necklaces that were regularly priced at $23.50 are on sale for $18.80. What is the percentage of decrease in the price of necklaces?**

A.   4.7%

B.   20%

C.   47%

D.   80%

11   **A record store is having a sale. CDs that were regularly priced at $14 are on sale for $10.50. What is the percentage of decrease in the price of the CDs?**

A.   3.5%

B.   25%

C.   35%

D.   75%

12   **The yearly sales of candles decreased from 560 to 476. By what percentage did the candle sales decrease?**

A.   15%

B.   16%

C.   84%

D.   85%

Directions: Answer the following question(s).

13 **A jacket regularly sells for $55.00. It is on sale for 25% off. What is the sale price of the jacket?**

  A. $68.75

  B. $41.25

  C. $40.25

  D. $13.75

14 **Alicia puts $400.00 in a bank account. Each year the account earns 5% simple interest. How much money will be in her bank account in six months?**

  A. $10.00

  B. $20.00

  C. $410.00

  D. $420.00

15 **A car dealership is having a sale. A car regularly priced at $20,000 is on sale for $17,250. What is the percentage of decrease in the price of the car?**

  A. 137.5%

  B. 13.75%

  C. 1.375%

  D. 0.1375%

16 **Miles is buying a chair that regularly costs $250. Today the chair is on sale for 30% off. If the tax rate is 6%, what is the sale price of the chair including tax?**

  A. $79.50

  B. $170.50

  C. $185.50

  D. $235.00

17 **Tiffany took her friends out to dinner. If the dinner was $29.53 and she gave a 20% tip, how much money did she spend on dinner?**

  A. $5.91

  B. $29.73

  C. $35.44

  D. $49.53

Directions: Answer the following question(s).

18 **Tim bought a book that was marked down to 50% of its original price. He used a coupon to save an additional 40% off of the sale price. If the book's original price was $12.00, what was the final price Tim paid?**

A. $1.20

B. $2.40

C. $3.60

D. $5.60

19 **Olivia wants to buy a new digital camera. She has found the model she would like to buy sold at four Internet stores.**

Store Name	Camera Hut	Photo World	Picture Palace	Vid–Cam Castle
Camera List Price	$200.00	$180.00	$169.99	$205.00
Coupon Code	15% off	10% off	NONE	18% off
Sales Tax*	5%	NONE	5%	NONE
Shipping	FREE	$2.99	$6.99	FREE

* – sales tax is computed on the price after any discounts and before shipping

Buying from which store will result in her paying the LOWEST total cost for the camera?

A. Camera Hut

B. Photo World

C. Picture Palace

D. Vid–Cam Castle

20 **A realtor earns a 0.8% commission on the homes she sells. Last month, she sold a $380,000 home. How much did the realtor earn as her commission for the sale?**

A. $304,000

B. $30,400

C. $3040

D. $304

21 **Jennifer wants to buy a new television set that regularly sells for $900. Because she works at the store, Jennifer will receive an employee discount of 30% off the regular price, but she will have to pay 6% sales tax on the adjusted price.**

What will be Jennifer's final cost to buy the television?

A. $286.20

B. $667.80

C. $684.00

D. $1008.00

Directions: Answer the following question(s).

22   **Last year there were 75 students in the school band. If the number of students in the school choir was 20% greater than the number of students in the band, how many students were in the choir?**

    A.   15

    B.   60

    C.   90

    D.   95

23   **If 80% of a number is 20, what is 20% of the number?**

    A.   3.2

    B.   5

    C.   25

    D.   80

24   **What is 90% of 400?**

    A.   36

    B.   360

    C.   3600

    D.   36000

25   **The new video game that Greg wants to purchase is sold for $40 at Techno Hut and for $45 at Gamer World.**

    If Greg has a 10% off coupon for all purchases at Techno Hut and a 15% off coupon for video games at Gamer World, which statement is true?

    A.   After coupons, the game is the same price at both stores.

    B.   After coupons, the game is $2.75 cheaper at Gamer World.

    C.   After coupons, the game is $2.25 cheaper at Techno Hut.

    D.   After coupons, the game is $5.50 cheaper at Techno Hut.

26   **If 20% of x is 28, what is 70% of x?**

    A.   91

    B.   98

    C.   109

    D.   140

Directions: Answer the following question(s).

27   **If 20% of a number is 15, what is the original number?**

- A.   3
- B.   60
- C.   75
- D.   90

28   **What is 80% of 50?**

- A.   4
- B.   10
- C.   40
- D.   62.5

29   **If 45% of a number is 54, what is 65% of the number?**

- A.   15.795
- B.   35.1
- C.   56
- D.   78

30   **In March, Veronica walked 12 miles every day. In April, she increased her daily walking distance by 10%. In May, she added 10% to her daily walking distance from April.**

    What distance did Veronica walk each day during May?

- A.   14.52 miles
- B.   14.4 miles
- C.   13.32 miles
- D.   12.2 miles