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**Vendor:**ASVAB

**Exam Code:**ASVAB-SECTION-2

**Exam Name:**ASVAB Section two : Arithmetic  
Reasoning

**Version:**Demo

**QUESTION 1**

How many square feet of tile is needed for a 24 foot x 24 foot room?

- A. 576 square feet
- B. 288 square feet
- C. 96 square feet
- D. 144 square feet

Correct Answer: A

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**QUESTION 2**

The video-rental store charges \$2.00 for the first day a rented video is overdue and \$1.25 for each day after that.

If a person paid \$8.25 in late fees, how many days was the video overdue?

- A. 7 days
- B. 6 days
- C. 4 days
- D. 5 days

Correct Answer: B

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**QUESTION 3**

The cost of a protein bar increased from \$2.50 to \$2.80. How much was the percent increase to the \$2.80 rate?

- A. 16%
- B. 10%
- C. 15%
- D. 12%

Correct Answer: D

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**QUESTION 4**

Carpet costs \$3 per square yard. The room that will be carpeted is 12 feet x 18 feet. How much will the carpet cost?

- A. \$648

- B. \$216
- C. \$72
- D. \$324

Correct Answer: C

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#### QUESTION 5

Michael needs 55 gallons of paint to paint an apartment building. He would like to purchase the paint for the least amount of money possible.

Which of the following should he buy?

- A. two 25-gallon buckets at \$550 each
- B. eleven 5-gallon buckets at \$108 each
- C. six 10-gallon buckets at \$215 each
- D. fifty-five 1-gallon buckets at \$23 each

Correct Answer: B

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#### QUESTION 6

You are asked to chart the temperature during an 8-hour period to give the average. These are your results: 7am: -10 degrees 8am: 0 degrees 9 am: 30 degrees 10 am: 36 degrees 11 am: 40 degrees 12 pm: 42 degrees 1pm: 42 degrees 2 pm: 41 degrees

What is the average temperature?

- A. about 32 degrees
- B. about 40 degrees
- C. about 28 degrees
- D. about 30 degrees

Correct Answer: C

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#### QUESTION 7

A grocery store has a special on sodas. Three 12 packs for \$9.00. How much does five 12 packs of soda cost?

- A. \$9.00
- B. \$12.00

C. \$15.00

D. \$18.00

Correct Answer: C

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#### QUESTION 8

A computer programmer is making \$25,000 per year. 28% of her salary is withheld for federal and state deductions.

How much is the computer programmer's net pay?

A. \$20,000

B. \$7,000

C. \$18,750

D. \$18,000

Correct Answer: D

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#### QUESTION 9

In a classroom of 32 students, 14 are male. What percentage of the class is female?

A. 56%

B. 52%

C. 44%

D. 46%

Correct Answer: A

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#### QUESTION 10

Rafael can type 9 pages an hour.

How long will it take him to type 126 pages?

A. 14 hours

B. 9 hours

C. 7 hours

D. 16 hours

Correct Answer: A

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**QUESTION 11**

How much time is there between 7:45 am today and 3:15 pm tomorrow?

- A.  $7\frac{1}{2}$  hours
- B.  $30\frac{1}{2}$  hours
- C.  $31\frac{1}{2}$  hours
- D.  $32\frac{1}{2}$  hours

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

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**QUESTION 12**

A corporate purchaser paid \$17.16 for an item that had recently been increased in price by the wholesaler by four percent.

What was the price of the item before the increase?

- A. \$17.00
- B. \$17.12
- C. \$16.50
- D. \$16.47

Correct Answer: C