

# **ASVAB-SECTION-6**<sup>Q&As</sup>

ASVAB Section Six : Mathematics Knowledge

## Pass ASVAB ASVAB-SECTION-6 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.geekcert.com/asvab-section-6.html

### 100% Passing Guarantee 100% Money Back Assurance

Following Questions and Answers are all new published by ASVAB Official Exam Center

Instant Download After Purchase

- 100% Money Back Guarantee
- 😳 365 Days Free Update
- 800,000+ Satisfied Customers





#### **QUESTION 1**

How much water must be added to 1 liter of a 5% saline solution to get a 2% saline solution?

A. 1 L

B. 1.5 L

C. 2 L

D. 2.5 L

Correct Answer: B

Explanation:

Use the equation (0.05)(1) = (0.02) x:

the left side represents 5% of 1 liter; the right side represents 2% of some amount of water.

From the equation, x = 2.5.

Subtracting the 1 liter of water already present in the 5% solution, you will find that 1.5 liters need to be

added.

#### **QUESTION 2**

12(82 - 3) - (2 x 81) = \_\_\_\_\_.

A. 382

B. 786

C. 851

D. 1,137

Correct Answer: B

Explanation:

Perform the operations in the parentheses first:  $(12 \times 79) - 162 = 948 - 162 = 786$ .

#### **QUESTION 3**

2.8 x 102 = \_\_\_\_\_.

A. 280

B. 56



C. 2,800

D. 28

Correct Answer: A

#### **QUESTION 4**

Solve the following equations for x.

5x + 4y = 27 x - 2y = 11

A. x = 3

B. x = 9

C. x = 4.5

D. x = 7

Correct Answer: D

Explanation: To solve these equations for x, begin by finding a way to eliminate y. Multiply both sides of the second equation by 2.  $2(x-2y) = 2 \times 11 \ 2x - 4y = 22$  Add the new form of the second equation to the first equation, and solve for x.  $5x + 4y = 27 \ 2x - 4y = 22$  (+4 cancels -4)  $7x = 49 \ x = 7$ 

#### **QUESTION 5**

The average of 0, 54, 61, 70, and 75 is \_\_\_\_\_.

A. 50

B. 52

C. 55

D. 58

Correct Answer: B

Explanation:

Add the number and then divide by the number of terms.

 $54 + 61 + 70 + 75 = 260.\ 260 \div 5 = 52.$ 

ASVAB-SECTION-6 VCE Dumps

ASVAB-SECTION-6 Practice Test ASVAB-SECTION-6 Braindumps