



# 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.pass4itsure.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**

Solve for x:  $5x + 7 = 6(x - 2) - 4(2x - 3)$

- A. 1
- B. -1
- C. 2
- D. -2

Correct Answer: B

Explanation:  $5x + 7 = 6(x - 2) - 4(2x - 3)$   
 $5x + 7 = 6x - 12 - 8x + 12$   
 $5x + 7 = -2x$   
 $7x + 7 = 0$   
 $7x = -7$   
 $x = -1$

---

**QUESTION 2**

What is 51/5% of 325?

- A. 1.69
- B. 169
- C. 16.9
- D. 32.5

Correct Answer: C

Explanation:

First, change the percent to a decimal:  $51/5\% = (0.052)$

Thus,  $(0.052)(325) = 16.9$

---

**QUESTION 3**

$4! =$  \_\_\_\_\_.

- A. 16
- B. 40
- C. 0
- D. 24

Correct Answer: D

Explanation:



$4!$  (4 factorial) =  $4 \times 3 \times 2 \times 1 = 24$ .

---

#### QUESTION 4

What number multiplied by  $\frac{2}{3}$  will give a product of 1?

- A.  $-\frac{2}{3}$
- B.  $-\frac{3}{2}$
- C.  $\frac{3}{2}$
- D.  $\frac{4}{6}$

Correct Answer: C

Explanation:

If a number is multiplied by its reciprocal (also called its multiplicative inverse), the product is 1. The reciprocal of a fraction is found by inverting the fraction.

The reciprocal of  $\frac{2}{3}$  is  $\frac{3}{2}$ , that is,  $\frac{2}{3} \times \frac{3}{2} = 1$

---

#### QUESTION 5

What is 12% of 102?

- A. 1.2
- B. 12
- C. 24
- D. 120

Correct Answer: B

Explanation:

First find  $10 \times 10 = 100$  and then multiply by 12%.

[ASVAB-SECTION-6 PDF Dumps](#)

[ASVAB-SECTION-6 Study Guide](#)

[ASVAB-SECTION-6 Exam Questions](#)