



ASVAB-SECTION-6^{Q&As}

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 the following equations for x.

$$5x + 4y = 27 \quad x - 2y = 11$$

- 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 2

Solve for x: $6(x + 5) + 8 = 2$

- A. 6
- B. 36
- C. -6
- D. -2

Correct Answer: C

QUESTION 3

If $x = 8$, what's the value of y in the equation:

$$y = (x^2 \div 4) - 2?$$

- A. 14
- B. 16
- C. 18
- D. 20

Correct Answer: A



Explanation: $y = (x^2 \div 4) - 2$ $y = (8^2 \div 4) - 2$ $y = (64 \div 4) - 2$ $y = 16 - 2 = 14$

QUESTION 4

$\sqrt{-9}$ is an example of a(an) _____.

- A. real number
- B. imaginary number
- C. irrational number
- D. sloping number

Correct Answer: B

Explanation:

The square root of a negative number doesn't exist as far as real numbers are concerned. In mathematics, this is called an imaginary number.

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
Practice Test](#)

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

[ASVAB-SECTION-6
Braindumps](#)