

This is a test to see how well you would do on the Armed Services Vocational Aptitude Battery. (ASVAB) in the AFQT Percentile area only.

The ASVAB is the test that all branches of the military (Army, Navy, Air Force, Marines) use to determine if you are academically qualified to be offered a job. You must meet or exceed the AFQT Percentile to be offered any job.

If you have a qualifying AFQT, each branch will then offer jobs based on your individual line scores and their openings. Line scores are generated by how you perform on the full test.

The full test can take as much as three hours and covers the following areas.

The ASVAB tests in 8 areas

- 1 General Science
2. Arithmetic Reasoning
3. Word Knowledge
4. Paragraph Comprehension
5. Math Knowledge
6. Electronics Information
7. Auto and Shop Information
8. Mechanical Comprehension

This is not a pass/fail test but one that will give you an idea if you are academically ready to take the ASVAB.

The AFQT is based on where you would individual rank in all people taking the ASVAB from ages 17-24 regardless of education (high school student, high school graduate, college student, or college graduate). The estimated AFQT will tell you how many people out of 100 that you would out score on average.

1. **SMALL** most nearly means
 - A. Sturdy
 - B. Round
 - C. Cheap
 - D. Little
2. **INHABIT** most nearly means
 - A. Acquire
 - B. Live in
 - C. Forbid
 - D. Belong to
3. **SAVORY** most nearly means
 - A. Healthful
 - B. Helpful
 - C. Tasty
 - D. Clean
4. **OBLITERATE** most nearly means
 - A. Translate
 - B. Scatter
 - C. Wipe out
 - D. Blame
5. **UNISON** most nearly means
 - A. Agreement
 - B. Firmness
 - C. Hostility
 - D. Indecision
6. **NOVICE** most nearly means
 - A. Gadget
 - B. Priest
 - C. Nursemaid
 - D. Beginner
7. **RUDIMENTS** most nearly means
 - A. Basic methods as procedure
 - B. Politics
 - C. Promotion opportunities
 - D. Minute details
8. **VAGUE** most nearly means
 - A. Empty
 - B. Reverent
 - C. Conceited
 - D. Indistinct
9. **MAIM** most nearly means
 - A. Accuse
 - B. Insult
 - C. Offend
 - D. Injure
10. **CEASE** most nearly means
 - A. Start
 - B. Change
 - C. Continue
 - D. Stop
11. **TURMOIL** most nearly means
 - A. Swelling
 - B. Commotion
 - C. Grease
 - D. Anger
12. **WARY** most nearly means
 - A. Tough
 - B. Careful
 - C. Cowardly
 - D. Foolhardy
13. **IMPAIR** most nearly means
 - A. Direct
 - B. Improve
 - C. Weaken
 - D. Stimulate
14. **RAVAGE** most nearly means
 - A. Devastate
 - B. Clarify
 - C. Scold
 - D. Flatter
15. **EVASIVE** most nearly means
 - A. Foolish
 - B. Informed
 - C. Revealing
 - D. Secretive
16. **PERPETUAL** most nearly means
 - A. Confounding
 - B. Imposing
 - C. Sensational
 - D. Enduring
17. **CHIDE** most nearly means
 - A. Counsel expertly
 - B. Make young
 - C. Scold
 - D. Season
18. The wind is **VARIABLE** today
 - A. Shifting
 - B. Chilling
 - C. Steady
 - D. Mild

ARITHMETIC REASONING – 15 questions 14 minutes

1. Two automobiles start together from the same place and travel along the same route. The first averages 40 miles per hour, the second 55 miles per hour. How many miles further along the route is the second auto at the end of 5 hours?
 - A. 55×5
 - B. $55 - 40$
 - C. $55 \times 5 - 40 \times 5$
 - D. $55/5 - 40/5$
2. Find the total thickness of two pieces of wood that a carpenter glued together if one is $\frac{5}{16}$ inch thick and the other is $\frac{7}{8}$ inch thick.
 - A. $1 \frac{1}{4}$ inches
 - B. $1 \frac{3}{16}$ inches
 - C. $1 \frac{1}{8}$ inches
 - D. $1 \frac{5}{8}$ inches
3. An average tub bath uses 8 gallons of water, and an average shower uses 6 gallons. To provide baths for 60 people, how much more water will be needed if tubs are used instead of showers?
 - A. 30 gallons
 - B. 120 gallons
 - C. 360 gallons
 - D. 480 gallons
4. A carpenter cut three 4'6" shelves from a 14' board. How long a piece was left over?
 - A. 6"
 - B. 1' 6"
 - C. 2'
 - D. 1'
5. A father walks 36 miles in 12 hours, while his son covers the same distance on a bicycle at twice the father's rate of speed. At this rate, how many miles would the bicycle rider travel in 9 hours?
 - A. 54 miles
 - B. $52 \frac{1}{2}$ miles
 - C. $49 \frac{1}{2}$ miles
 - D. 48 miles
6. A bird flies $\frac{2}{3}$ of a mile per minute. How many miles per hour is it flying?
 - A. 20
 - B. 30
 - C. 40
 - D. 60
7. Out of 20 attempts, a basketball player scored 8 times. What percent of his chances did he score?
 - A. 8%
 - B. 16%
 - C. 32%
 - D. 40%
8. How many 36-passenger busses will it take to carry 144 people?
 - A. 4
 - B. 3
 - C. 5
 - D. 6

9. If 12 people are needed to run 4 machines, how many people are needed to run 20 machines?
- A. 24
 - B. 48
 - C. 60
 - D. 80
10. A pole 24 feet high has a shadow 8 feet long. A nearby pole is 72 feet tall. How long is its shadow?
- A. 16 feet
 - B. 24 feet
 - C. 32 feet
 - D. 56 feet
11. John is paid \$26.00 for 8 hours of work. How much should he be paid for working 37 hours at the same hourly wage?
- A. \$127.00
 - B. \$135.25
 - C. \$120.25
 - D. \$118.50
12. Soup ordinarily priced at 2 cans for 33 cents may be purchased in lots of one dozen for \$1.74. What is the savings per can when purchased this way?
- A. $\frac{2}{3}$ cents
 - B. 2 cents
 - C. 8 cents
 - D. $9\frac{1}{2}$ cents
13. It costs John \$13.50 to take Mary out for the evening. Sixty percent of this total was for theater tickets. What was the cost of each ticket?
- A. \$ 3.95
 - B. \$ 4.05
 - C. \$ 5.40
 - D. \$ 8.10
14. If the following series will continue in the same pattern, what is the next number in the series: 1, 10, 7, 16, ____?
- A. 10
 - B. 13
 - C. 14
 - D. 25
15. Mary worked a total of $16\frac{1}{2}$ hours during 5 days of the past week. What was her average work day?
- A. 3 hours
 - B. 3 hours, 15 minutes
 - C. 3 hours, 18 minutes
 - D. 3 hours, 25 minutes

PARAGRAPH COMPREHENSION – 8 questions 7 minutes

1. The duty of the lighthouse keeper is to keep the light burning no matter what happens, so that ships will be warned of the presence of dangerous rocks. If a shipwreck should occur near the lighthouse, even though he would like to aid in the rescue of its crew and passengers, the light house keeper must....
 - A. Stay at his light.
 - B. Rush to their aid.
 - C. Turn out the light.
 - D. Quickly sound the siren
- 2 In certain areas, water is so scarce that every attempt is made to conserve it. For instance, on one oasis in the Sahara Desert, the amount of water necessary for each date palm is carefully determined. How much water is each tree given?
 - A. No water at all.
 - B. Exactly the amount required.
 - C. Water only if it's healthy.
 - D. Water on alternate days.
3. Twenty-five percent of all household burglaries can be attributed to unlocked doors or windows. Crime is the result of opportunity plus desire. To prevent crime, it is each individual's responsibility to...
 - A. Provide the opportunity
 - B. Provide the desire.
 - C. Prevent the opportunity.
 - D. Prevent the desire
4. From a building designer's standpoint, three things that make a home livable are the client, the building site, and the amount of money the client has to spend.

According to the passage, to make a home livable...

- A. The prospective piece of land makes little difference.
 - B. It can be built on any piece of land.
 - C. The design must fit the owner's income and site.
 - D. The design must fit the designer's income.
5. A business letter has six parts instead of five. The extra part is called the inside address. It is placed just above the salutation. The other five parts are just the same as for the friendly letter.

What is the extra part of a business letter?

- A. The salutation
 - B. A friendly letter
 - C. Inside address
 - D. It has six parts instead of five
6. When writing a letter you should use correct spelling, punctuation, capitalization, letter form, and paragraphing. When you have finished, read your letter through and rewrite it if you are not satisfied with any part of it.

When should you rewrite your letter?

- A. When it sounds good.
 - B. When you use correct spelling
 - C. If you are not satisfied with all parts of it
 - D. If you are not satisfied with any part of it

7. Mineral-rich Zaire is one of the world's most important sources of uranium. It also is a source of copper, tin, diamonds (mainly industrial), gold, cobalt, and zinc. Agricultural products include palm oil, and kernels, cottonseed, rubber, cotton lint, coffee, peanuts, sweet potatoes and yams, and cassava.

How many cotton products does Zaire produce?

- A. One
 - B. Three
 - C. Six
 - D. Two
8. The Senate of the United States shall be composed of two Senators from each state, chosen by the people thereof, for six years; each Senator shall have one vote. Immediately after they shall be divided as equally as may be divided into three classes. The seats of senators of the first class shall be vacant at the expiration of the fourth year., and the third class at the expiration of the sixth year, that one-third may be chosen every second year.

The purpose of three classes is to...

- A. Keep the senate at an equal level
- B. Keep their term at six years
- C. So that one third may be chosen every second year
- D. Provide the senators with one vote

Mathematics Knowledge - 13 questions 12 minutes - Ver. 1

1. Which of the following is the smallest prime number greater than 200?
 - A. 201
 - B. 205
 - C. 211
 - D. 214

2. If 40% is equal to the fraction $x/30$, what is the value of x ?
 - A. 0.4
 - B. 14
 - C. 1,200
 - D. 12

3. The expression "5 factorial" equals:
 - A. 125
 - B. 120
 - C. 25
 - D. 10

4. What is the result of adding $-3x^2 - 5x + 1$ and $8x^2 - 2x - 9$?
 - A. $5x^2 - 3x - 10$
 - B. $-5x^2 - 3x - 10$
 - C. $5x^2 - 7x - 8$
 - D. $5x^2 - 7x + 8$

5. What is the meaning of the statement $-30 < -5$?
 - A. 30 is greater than 5
 - B. 30 is less than minus 5
 - C. Minus 30 is less than minus 5
 - D. Minus 30 is greater than minus 5

6. Solve for x : $8x - 2 - 5x = 8$
 - A. $X = 1.3$
 - B. $X = 2 \frac{1}{2}$
 - C. $X = 3 \frac{1}{3}$
 - D. $X = 7$

7. A woman has \$500 in a bank account, Every week she writes out a check for \$50. If she doesn't make any new deposits what will her bank account hold x weeks from now?
 - A. $\$500 + \$50x$
 - B. $\$500 - \$50x$
 - C. $\$500 - \$50 + x$
 - D. $\$500 + \$50 + x$

8. When the temperature is 20 degrees Celsius (C) , what is it on the Fahrenheit (F) scale? (use the following formula.)
 $F = (9/5 \times C) + 32$
 - A. $93 \frac{3}{5}$ degrees
 - B. 78 degrees
 - C. $62 \frac{3}{5}$ degrees
 - D. 68 degrees

9. The perimeter of a rectangle is 38 inches. If the length is 3 inches more than the width, find the width.

- A. $17 \frac{1}{2}$ inches
- B. 8 inches
- C. 11 inches
- D. 9.4 inches

10. Find the square root of 85 correct to the nearest tenth.

- A. 9.1
- B. 9.2
- C. 9.3
- D. 9.4

11. If $5x = 30$, then x is equal to:

- A. 150
- B. 25
- C. 6
- D. 0.6

12. What is the product of $(a - 5)$ and $(a + 3)$?

- A. $a^2 - 15$
- B. $a^2 + 2a - 15$
- C. $a^2 - 2a - 15$
- D. $a^2 - 2$

13. Solve for z : $3z - 5 + 2z = 25 - 5z$

- A. $z = 0$
- B. $z = 3$
- C. $z = -3$
- D. $z = \text{no solution}$