

READING

Directions:

This is a test to determine how well you can read.

Each problem in this test is followed by four choices. From the four choices you are to choose the answer that you think best completes the sentence and darken in the bubble of the corresponding letter on the Answer Form.

Now look at the sample questions below. . .

Sample Problem:

Employee safety has become a growing concern for American industry. Because of governmental regulation, companies are more concerned with hazards in the work environment. The Occupational Safety and Health Administration (OSHA) was established to monitor these activities. With proper training, the majority of industrial accidents can be avoided. Safety can also be emphasized with poster programs and top management support.

S1. Safety has become a concern for industry because of

- A. an interest in employee needs.
- B. a decrease in profits.
- C. governmental regulations.
- D. management pressure.

S2. OSHA was established to

- A. reduce accidents.
- B. monitor safety compliance.
- C. improve the work environment.
- D. increase safety awareness.

NUMERICAL REASONING

Directions:

This test measures your ability to find a pattern in a series of numbers.

In each problem, a series of numbers is given which forms a specific pattern according to some rule. You are to study how the given numbers are related to each other, and then determine which number should come next in the series. Each problem in this test is followed by five choices. When you determine the correct answer, you are to darken in the bubble of the corresponding letter on the Answer Form. Use the scratch paper provided to do all of your calculations.

Now look at the following sample problems. . .

1. 2 4 6 8 10

A. 20

B. 14

C. 12

D. 32

E. 8

2. 2 4 8 16 32

A. 64

B. 34

C. 40

D. 16

E. 74

NUMERICAL COMPUTATION

Directions:

This test measures your ability to do arithmetic problems.

Each problem in this test is followed by five choices. From the five choices you are to choose the correct answer and darken in the bubble of the corresponding letter on the Answer Form. All answers must be exact and not rounded off, and fractions must be expressed in their lowest terms. Use the scratch paper provided to do all your calculations.

Now look at the following sample problems. . .

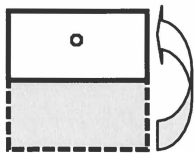
- | | | | | | |
|------------------------------------|-------|-------------------|--------------------|------------------|------------------------------------|
| 1. $8 + 6 =$ | A. 48 | B. 14 | C. 2 | D. 12 | E. 32 |
| 2. $\frac{9}{10} - \frac{1}{10} =$ | A. 1 | B. $\frac{9}{10}$ | C. $\frac{9}{100}$ | D. $\frac{2}{5}$ | E. $\frac{4}{5}$ |

Paper Folding Test

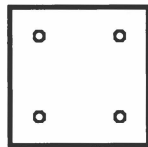
Directions: This test measures your ability to visualize in three-dimensional space. Each problem in this test contains a series of pictures. On the left side of the series you will see several pictures which show the folding of a square sheet of paper. The last picture will show where one or two holes have been punched through the folded paper. On the right side of the series are pictures of five unfolded pieces of paper. From the five pictures on the right you are to choose the one which shows exactly where the holes are when the paper is completely unfolded. You are to mark the letter of the correct picture on the answer sheet.

Now look at the sample problem below.

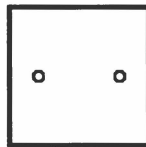
1.



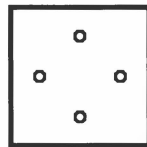
A.



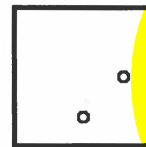
B.



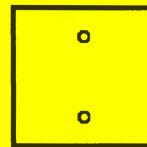
C.



D.



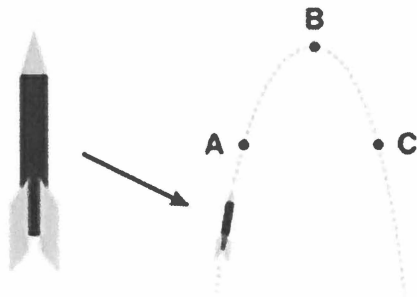
E.



Mechanical Reasoning:

This test measures your ability to perceive and understand the relationship of physical forces and mechanical elements in practical situations. Each problem represents a simple, frequently encountered mechanism that does not require special knowledge. In each problem, you will be presented with a picture and a specific question regarding the situation depicted in the picture.

Sample Question:



At which point will the rocket be at its lowest velocity?

- A. A
- B. B**
- C. C
- D. All the same