



Wonderlic* Advanced Skills Sample Questions and Answers

TestPrep-Online offers a selection of Wonderlic-style sample questions, offered as part of our online practice for the **Wonderlic Advanced Skills Test (WAST)**.

Here is a glimpse into the web's leading Wonderlic test prep institute.

Included in This Document:

- 10 Wonderlic WAST practice questions – 5 quantitative questions and 5 verbal questions - accompanied by the correct answers, as well as explanations.
- For those who prefer to solve all the questions first and then see the answers and explanations, try the [sample test version](#).

GOOD LUCK!



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About Wonderlic Advanced Skills Test

The Wonderlic Advanced Skills Test, or WAST, is used to assess candidates applying for work positions which may require advanced language and math skills.

Additionally, the Advanced Skills Test is also used by some college programs (two-year and four-year programs).

Test Format and Content

The Wonderlic Advanced Skills Test is comprised of a combination of English and math questions that cover a different and more advanced question structure than the existing [Wonderlic Basic Skills Test](#). It is a non-proctored assessment that can be done online, from home. It contains an advanced math section made up of 55 questions and a language section made up of 50 questions. Each section has a 30 minute time limit. The test measures the following aspects:

Mathematics:

- Expressions & Equations
- Fractions
- Ratios & Proportional Relationships
- Algebra
- Geometry & Trigonometry
- Statistics & Probability

Language:

- Vocabulary - Advanced
- Reading Comprehension - Advanced
- Grammar - Advanced



WAST Math Questions

- 1) Travis is opening 12 boxes, 3 of which contain a surprise (boxes 2, 4, and 5). What are the chances that Travis will find a surprise in the first box that he opens?
- A. 1 in 4
 - B. 3 in 9
 - C. 1 in 12
 - D. 11 in 12

Answer: A

Explanation:

Three out of twelve boxes contain a surprise, therefore, the chances that Travis will find a surprise in the first box that he opens is 3 out of 12, or $\frac{3}{12}$. $\frac{3}{12} = \frac{1}{4}$, thus Travis's chances of finding a surprise in the first box that he opens are 1 in 4.

- 2) $463/11 =$
- A. 41 Remainder 12
 - B. 42 Remainder 1
 - C. 38 Remainder 5
 - D. 38 Remainder 6

Answer: B

Explanation:

$$\begin{array}{r} 42 \\ 11 \overline{) 463} \\ \underline{-44} \\ 023 \\ \underline{-22} \\ 01 \end{array} \rightarrow 42 \text{ remainder } 1$$

Long division, as demonstrated above, is a reasonable way to solve the above equation, though it is time-consuming and (at times) unnecessary.

Notice that options A and B present answers over 40 and options C and D present answers that are less than 40. It is rather easy to compute and determine that the correct answer is over 40, since $40 \times 11 = 440$. This eliminates options C and D. Next, notice the remainders in options A and B. Remember that the remainder has to be less than the divisor, hence option A is also eliminated. We are left with option B, which is the correct answer.



3) $5(10 - 8)^3 \div 10 + 5 = ?$

- A. 8
- B. 9
- C. 24
- D. 25

Answer: B

Most numerical questions can be solved in several different ways. Here we will describe the solution that will save us the most time. Remember to solve each drill in the correct order of operations [brackets → powers → multiplication/division → addition/subtraction]

$5 * (10 - 8)^3 \div 10 + 5$ /solve within brackets

$5 * (2)^3 \div 10 + 5$ /solve the exponent

$5 * 8 \div 10 + 5$

$40 \div 10 + 5$

$4 + 5 = 9$

- 4) A blogger currently has 3,500 followers. He knows that on average, for each additional post per month, he will gain 400 more followers. What is the minimum average addition of posts per month needed in order to exceed 5,000 followers?

- A. 4
- B. 6
- C. 9
- D. 13

Answer: A – 4 more posts.

The blogger has 3,500 followers, and he wants to exceed 5,000, thus he wants to add 1,501 followers ($5000 - 3500 = 1,500$).

Each additional monthly post on average adds 400 followers. The required amount of posts supplement can be achieved by the following calculation:

Required number of additional followers / The approximate addition per post =

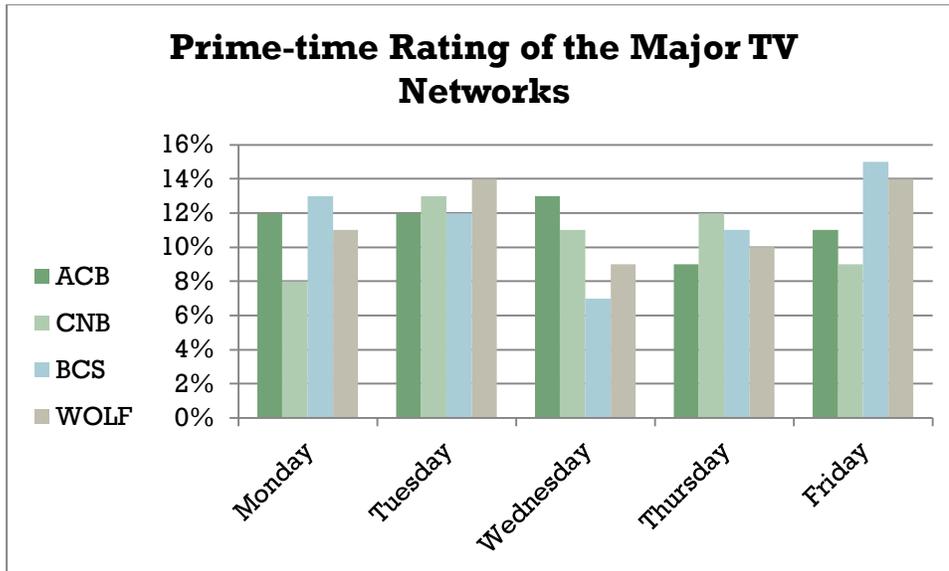
$$\frac{1500}{400} = 3 \text{ R}300$$

Therefore, the blogger needs to add more than 3 posts per month. Since the question asks for the minimum, we search for the closest number, which is greater than 3, which is option A. 4.

Notice that you didn't even need to complete the calculation $\frac{1500}{400}$. Once you understand that the result is higher than 3 but lower than 4, you can directly choose the answer that is closest to and greater than 3.



- 5) On the evening of the highest ratings of CNB, what is the difference between the ratings of WOLF and ACB in percentage points?



- A. 1%
- B. 2%
- C. 3%
- D. 4%

Answer : B

Firstly we need to focus on the relevant section of the chart – the day with CNB's highest ratings, which is Tuesday.

Notice that WOLF has the highest ratings on Tuesday. Notwithstanding, Tuesday is also the day of the week that CNB brought its highest ratings throughout the week.

On Tuesday WOLF brought 14% ratings and ACB brought 12% ratings.

The difference in percentage points refers to the absolute differences between these two ratings scores: $14\% - 12\% = 2\%$.



WAST English Questions

- 1) Choose the answer that has the most similar meaning to the underlined word.

Arbitrary means ?

- A. Chosen
- B. Sorted
- C. Conciliatory
- D. Random

Answer : D

Random is the closet meaning to *Arbitrary*.

- 2) Choose the verb form that correctly completes the sentence.

I was told that the workshop has previously _____ at 5pm.

- A. begin
- B. began
- C. begun
- D. to begin

Answer : C - I was told that the workshop has previously begun at 5 P.M.

Explanation: The proper verb form missing is the past participle. We learn that from the presence of the auxiliary verb 'has', and the word "previously", which indicates that the sentence deals with a notion from the past.

If the sentence is phrased without 'has', then option B becomes the correct answer.

If the sentence is phrased without 'previously', then option D becomes possible as well.

If the sentence is phrased without 'has previously', then options A and B become possible correct answers.



3) Choose the underlined section that has an error in it. If there are no errors, choose D.

The "Avalon" project was presenting to the CEO, following her demand. No error
A B C D

Answer : A.

Explanation: The choice of the past progressive form "was presenting" is grammatically incorrect. The correct form should be in the passive form:

The "Avalon" project was presented to the CEO, following her demand.

Notice that this distinction is based upon the fact the Avalon project is an object, rather than a subject. Replace the term "the Avalon project" by the subject "He":

He was presenting to the CEO, following her demand.

This sentence is perfectly fine, though we don't know what he was presenting.

4) Choose the correct word to complete the sentence.

Susan _____ already run the Boston Marathon three times.

- A. have
- B. will have
- C. has
- D. will

Answer: C

Explanation: Notice the verb "run" is in past tense. Therefore the missing word must also be in the past tense.



5) Read the information below to answer the question.

In order to better understand Information Technology's role in economic growth it is important to realize that the digital economy is more than an economy conducted on the Internet. Rather, it represents the pervasive use of Information Technology (hardware, software and telecommunications) in all aspects of the economy, including internal operations of organizations (business, government and non-profit); transactions between organizations; and transactions between individuals. Information Technology has enabled the creation of a host of tools to create, manipulate, organize, transmit, store and use information in digital form in new ways and through new organizational forms. Its impact is pervasive as it is being used in virtually every sector from farming to manufacturing to governmental services.

What is the passage's main claim concerning the digital economy?

- A. It is the economy conducted on the internet.
- B. It connects between business, government and non-profit organizations.
- C. It is a manifestation of the pervasive use of Information technology.
- D. It uses hardware, software and telecommunications.

Answer : C.

Explanation :Notice that all the above statements are accurate, but only option C is the main claim of the passage.

Option A is presented in lines 2-3 – "...digital economy is more than an economy conducted on the Internet." However, option C is the more important and complementary part of this claim: "Rather, it represents the pervasive use of Information Technology."

Options B and D merely represent characteristics of digital technology, but they do not represent a claim that concerns digital technology.

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