

WONDERLIC TEST

Sample Questions

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Wonderlic Free Sample Questions (10)

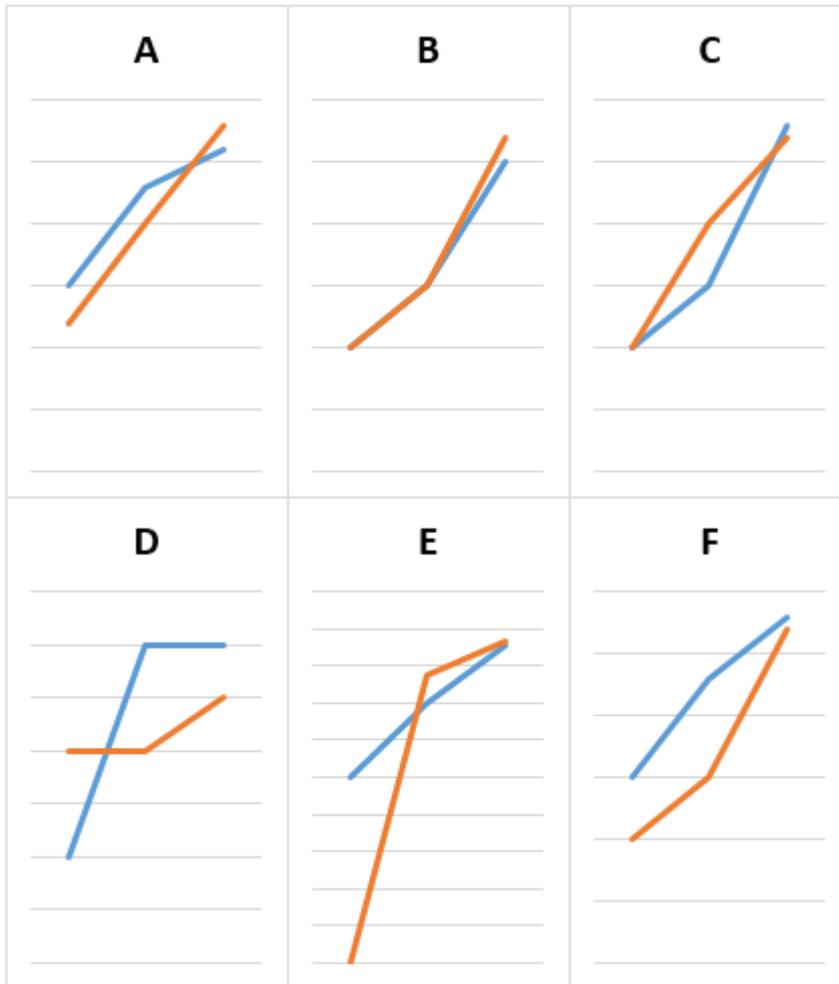
- Which THREE of the following words have similar meanings?
 - Information
 - Indoctrinate
 - Enlighten
 - School
 - Class
- Jade is 9 years older than Rose. In 4 years' time, Jade's age will be double Rose's age. What are their ages today?
 - Jade is 5 years old and Rose is 14 years old
 - Jade is 14 years old and Rose is 5 years old
 - Jade is 2 years old and Rose is 11 years old
 - Jade is 10 years old and Rose is 1 year old
 - Cannot be determined
- How many of the five pairs listed below are exact duplicates?

Shalon V. Sollars	Shalon V. Sollars
Celesta L. Kroner	Celesta L. Kroner
Savanna B. Swope	Savanna B. Swope
Zachery H. Eickhoff	Zachery H. Erickhoff
Megan N. Heinz	Megan N. Heinz

- 1
- 2
- 3
- 4
- 5

4. The volume of a rectangle prism is 100 cubic inches. Which of the alternatives is its greatest possible length?
- A. 100
 - B. 10
 - C. 20
 - D. 60
 - E. 50
5. A motorcyclist rode between Flibbertown and Guinevill at a steady pace of 60 miles per hour for 2 hours. After two hours she accelerated to 65 miles per hour for another full hour. What is the distance between those cities?
- A. 150 miles
 - B. 180 miles
 - C. 165 miles
 - D. 185 miles
 - E. None of the above
6. Which alternative includes all the states that border Oklahoma?
- A. Texas, New Mexico, Arkansas, Missouri, Kansas, Colorado
 - B. Texas, Arkansas, Missouri, Kansas, Louisiana, Colorado
 - C. Texas, New Mexico, Mississippi, Missouri, Kansas, Colorado
 - D. Texas, New Mexico, Kansas
 - E. Texas, Arkansas, Missouri, Kansas, Colorado

7. Over a period of three years, the heights of two siblings, Miki and Layla, were measured. Miki's height was 160 cm, 168 cm, and 171 cm respectively, whereas Layla's height was 157 cm, 165 cm, and 173 cm respectively. Which of the graphs below best represents both of the siblings' growths?



8. If the first two statements are true, is the final statement true?

Some officers carry a gun.

Most officers carry a club.

The chances of finding an officer who carries both a gun and a club are high.

- A. Yes
- B. No
- C. Cannot say

9. Arrange the following words to make a complete sentence. What comes just before the word "by?"

suitcase by managed the carry to himself Mike

- A. Himself
- B. Managed
- C. Carry
- D. Suitcase
- E. To

10. In the following set of words, which word is different from the others?

- A. Inflation
- B. Interest
- C. Debt
- D. Budget
- E. Drought

Answers and Explanations

1. **The correct answers are: (B) indoctrinate, (C) enlighten, and (D) school.** All three words are verbs that mean “to teach.”

“Information” is related to the group but is a noun; therefore, it does not belong.

“Class” is also related to the group, and when used as verb, it means “to arrange in a particular group” and not “to teach.”

2. **The correct answer is (B).**

All the information given is based on the relation between Jade’s age and Rose’s age. Let’s denote Jade’s age by X and Rose’s age by Y . “Jade is 9 years older than Rose” – we can translate this information into an equation.

$$X=Y+9$$

Unfortunately, an equation with two variables is not solvable unless we have another equation. “In 4 years’ time, Jade’s age will be double Rose’s age” - the second sentence also represents a relation. It means that in 4 years Jade’s age will be $X+4$ and will be double Rose’s age, which will be $Y+4$. Look at the equation below:

$$X+4=2(Y+4)$$

Now we have two different equations with 2 variables. The first variable (X) is isolated in the first equation so we can insert its value in the second equation by denoting X as an expression of Y .

$$(Y+9)+4=2(Y+4)$$

$$(Y+9)+4=2Y+8$$

$$Y+13=2Y+8$$

$$Y=5$$

The only answer which states that Rose’s age as 5 is answer B.

Another method:

Is understanding the relation between the ages too difficult? You can't convert them into equations properly? There is another way to solve this question without all those calculations.

The question asks about their ages, and the alternatives offer different ages to choose from. We do not need to try and find the answers ourselves because one of the answers is correct (and if not, the alternative "Cannot be determined" is correct). All we have to do is to check which of the values from the answers fits into the right terms that the question states. We need to find two different ages, with a 9-year gap between them. Furthermore, Jade has to be the older one. The only answers which fit are B and D.

How can we determine which one of them is the correct answer?

The second relation between the ages will help. In 4 years Jade will be twice as old as Rose.

Answer B is correct because if Jade is now 14 and Rose is 5, in 4 years' time Jade will be 18 and Rose will be 9.

Solving tip:

18 is twice as much as 9 so this can be the right answer. Although it fits the information the answer "Cannot be determined" is a trap. Why is that? Because maybe there are two correct answers. If there are, the correct answer is "Cannot be determined." Therefore, we have to check whether answer D fits the terms as well. If it doesn't, the correct answer is B, and if it does the correct answer is E.

Answer D contradicts the information, because in 4 years' time Jade will be 14 and Rose will be 5. 5×2 is not 14 and therefore the correct answer is B.

3. The correct answer is (D).

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4. The correct answer is (A).

In order to answer the question correctly, we need to understand it. To find out the greatest possible size, we must think in extremes. The volume formula of a rectangular prism is:

$$\text{Length} * \text{Width} * \text{Depth} = \text{Volume.}$$

If the volume is already set at 100 cubic inches, we can obtain from the formula the greatest value for length if we set the lowest values for width and depth.

Theoretically, both the width and depth may each be 1 inch, and the length 100 inches; thus the correct answer is A.

5. The correct answer is (D).

In order to solve the question, we need to separate the two stages. The first stage is: the two-hour ride at a rate of 60 mph; the second stage is the one-hour ride at a rate of 65 mph. Let's put the information in a table:

	Time (hours)	Speed	Distance
Stage 1	3	X	3X
Stage 2	?	2X	3X

If we sum up the distance of both stages, we will find the distance between the cities.

The first stage is calculated using the formula $\text{Time} * \text{Speed} = \text{Distance}$:

$$2 \text{ hours} * 60 \text{ miles per hour} = 120 \text{ miles}$$

The second stage is calculated using the same formula:

$$1 \text{ hour} * 65 \text{ miles per hour} = 65 \text{ miles}$$

Therefore, the total distance between the cities is $120 \text{ miles} + 65 \text{ miles} = 185 \text{ miles}$.

6. The correct answer is (A).

Six states border Oklahoma:

In the north – Kansas and Colorado

In the south – Texas

In the east – Arkansas and Missouri

In the west – New Mexico

7. The correct answer is (A).First method:

We can see that Layla's growth is constant and steady because she grows by eight centimeters every year. Therefore, we are looking for a line that has a steady slope. The only graph containing a line with a steady slope is graph A.

Second method:

We know that in the third year Layla became taller than Miki. In a graph, it should be represented with one line that is lower than the other line at the first two points and then which crosses over the other line at the third point. The only correlating graphs are A and C. However, graph C depicts siblings who began at the same height (the same point), and we know for a fact that Miki and Layla did not. Thus, graph C can be eliminated, and the correct answer is A.

8. **The correct answer is (C),** cannot say. Although most officers carry a club, we do not know how many of them carry a gun. Therefore, we cannot reach any conclusions about the probability of finding an officer carrying both a gun and a club.
9. **The correct answer is (D).** The sentence should read: "Mike managed to carry the suitcase by himself." Therefore, the word that comes before the word "by" is "suitcase."

Solving tip:

There is one capitalized word in this sentence and it is "Mike." Therefore, it is the first word in the sentence and it is the subject of the sentence. The following word after a subject will probably be a verb or a "to be" verb, thus the only word which fits afterwards is "managed."

In addition, the word that comes after the word "by" has to be the word "himself."

10. The correct answer is (E).

All of the other answers are closely related to money, while drought is related to the weather/climate. This question is confusing because a drought can bring on financial difficulties to a country, causing inflation and debt, but a drought is simply a period of dry weather.

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