

## Wonderlic test Questions And Answers

The eleventh month of the year is:

A. January

B. November

C. October

D. May - Answer - The correct answer is (B). The eleventh month of the year is November.

A shop owner bought some shovels for \$5,500. The shovels were sold for \$7,300, with a profit of \$50 per a shovel. How many shovels were involved?

A. 18

B. 36

C. 55

D. 73

E. 90

F. None of these - Answer - The correct answer is (B). The total profit from the sale is the selling price minus the cost of purchase, which is  $\$7300 - \$5500 = \$1800$ . If the total profit is \$1800 and each shovel accounts for \$50 profit, the amount of shovels is  $1800/50=36$ .

How many states are there in the U.S.A?

A. 20

B. 30

C. 40

D. 50

E. 60 - Answer - The correct answer is (D). The USA has 50 states.

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There are three times elephants compared to giraffes in the safari. If there is a total of 88 elephants and giraffes, how many elephants are there in the safari?

A. 22

B. 31

C. 43

D. 59

E. 66

F. None of these - Answer - The correct answer is (E). If there are 3 times as many elephants as there are giraffes, giraffes can be defined as X, and elephants as 3X, and build the following equation:

$$3X + X = 88$$

$$4X = 88$$

$$X = 88/4$$

$$X = 22$$

As stated above, X stands for the number of giraffes. Thus, there are 22 giraffes. As mentioned in the problem, there are three times as many elephants as there are giraffes

in the safari. Thus, to find how many elephants there are in the safari, multiply the number of giraffes by 3:

$$22 * 3 = 66$$

66 is the number of elephants in the safari.

What is the next number in the series? 5, 15, 10, 13, 15, 11, \_\_\_\_

- A. 9
- B. 13
- C. 10
- D. 20
- E. 15

F. None of these - Answer - The correct answer is (D). This series is made up of two separate subseries that alternate:

1. A series of numbers (the odd terms) that increase by 5 (5, 10, 15).
2. A series of numbers (the even terms) that decrease by 2 (15, 13, 11)

The pattern is: 5, 15, 10, 13, 15, 11, \_\_\_\_

As you can see, the numbers that increase by 5 are bolded, and the numbers that decrease by 2 are underlined. We are missing the seventh number which is an odd term; therefore, it should be greater than the last odd term (the fifth number) by 5.

The fifth number is 15. Thus, the answer is  $15 + 5 = 20$

A car travels at a speed of 85 miles per hour. How far will it travel in 15 minutes?

- A. 9 miles
- B. 11 miles
- C. 13.25 miles
- D. 21.25 miles
- E. 22.75 miles

F. None of these - Answer - The correct answer is (D). An hour consists of 60 minutes. A quarter of an hour is 15 minutes as  $15 * 4 = 60$ . Thus, divide the distance traveled per hour by 4, which is  $85/4=21.25$ .

A car dealership sells used cars for \$7,000 and new cars for \$16,000. If a total of 17 cars were sold for \$191,000, how many of the cars sold were used?

- A. 2
- B. 3
- C. 5
- D. 8
- E. 10

F. None of these - Answer - The correct answer is (F) - None of the above.

First of all, in order to simplify the calculations we can divide all the numbers by a common denominator: 1000, in that way we can get rid of all those annoying zeroes. Now we define the used cars as U (with a price of 7 each) and the new cars as N (with a price of 16 each) Now we can build two equations, the first representing the total price and the second the total amount of cars:

- a.  $7U+16N=191$
- b.  $N+U= 17$

So according to the second equation  $N = 17-U$ , and we can now substitute N in the first equation:  $7U+16(17-U)=191$  ;  $7U+272-16U=191$  ;  $9U=81$  ;  $U=9$ . 9 used cars were sold.

Solving Tip: You could try solving this question by elimination. For starters, since 191 is an odd number and 16 is an even number, then the number of used cars must be odd (even+odd=odd) - which means we can eliminate answers A, D & E. Now that we are left only with B and C, let's try to calculate it for each of these options:

\*.  $3*7 + 16*(17-3) = 245$ , which means we can eliminate B as an answer.

\*.  $5*7 + 16*(17-5) = 227$ , which means we can eliminate C as an answer.

Therefore, the only possible answer is F - none of the above.

Joey got a 25% raise to his salary. If his original salary was \$1,200, how much was it after the raise was implemented?

- A. \$1225
- B. \$1500
- C. \$1350
- D. \$1450
- E. \$1800

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F. None of these - Answer - The correct answer is (B). 25% equals one quarter and a quarter of 1200 is  $1200/4=300$ . Therefore, an addition of a quarter to 1200 equals  $1200+300=1500$ .

Arrange the following words so that they make a complete sentence. Is the rearranged sentence true or false?

Triangle A sides three has

- A. True
- B. False - Answer - The sentence is: A triangle has three sides, which is true.

\_\_\_\_\_ is to JUICE as WHEAT is to BREAD

- A. Water
- B. Pitcher
- C. Supermarket
- D. Soda