

Q1

Hailey wrote a one-digit number, then she wrote another digit to its right. She added 27 to the obtained number and got 91. What was the first digit that she wrote?

- A. 4
- B. 6
- C. 5
- D. 7
- E. 8

Q2

Today is a Saturday and Sara checks her calendar to find out what day of the week her birthday falls this year. If her birthday is in 55 days, on what day of the week is her birthday this year?

- A. Tuesday
- B. Wednesday
- C. Thursday
- D. Friday
- E. Saturday

Q3

Josiah's mystery number is a 3-digit number with three different digits. The product of its 3 digits is 24. The sum of the digits is equal to 11. The smallest digit of the mystery number is in the hundreds place while the largest is in the tens place. What is Josiah's mystery number?

- A. 138
- B. 234
- C. 146
- D. 164
- E. 183

Q4

A tournament had six players. Each player played every other player only once, with no ties. If Helen won 4 games, Ines won 3 games, Janet won 2 games, Kendra won 2 games and Lara won 2 games, how many games did Monica win?

- A. 0
- B. 1
- C. 2
- D. 3
- E. 4

Q5

How many numbers are there in the sequence 13, 16, 19, ..., 70, 73?

- A. 20
- B. 21
- C. 24
- D. 60
- E. 61

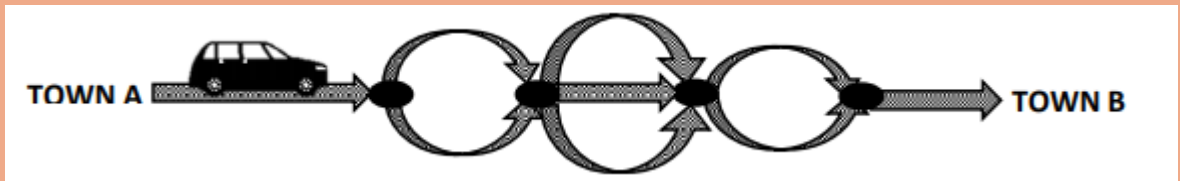
Q6

Five fishermen, Ahe, Bahe, Cahe, Don, and Zella, all wanted to go out fishing. However, they only had three fishing poles, so only three of them could go out each day. How many different groups of 3 fishermen can be formed?

- A. 25
- B. 20
- C. 15
- D. 12
- E. 10

Q7

To go from Town A to Town B, a car can take different paths (one way) as illustrated below:



How many different paths can the car take from Town A to Town B.

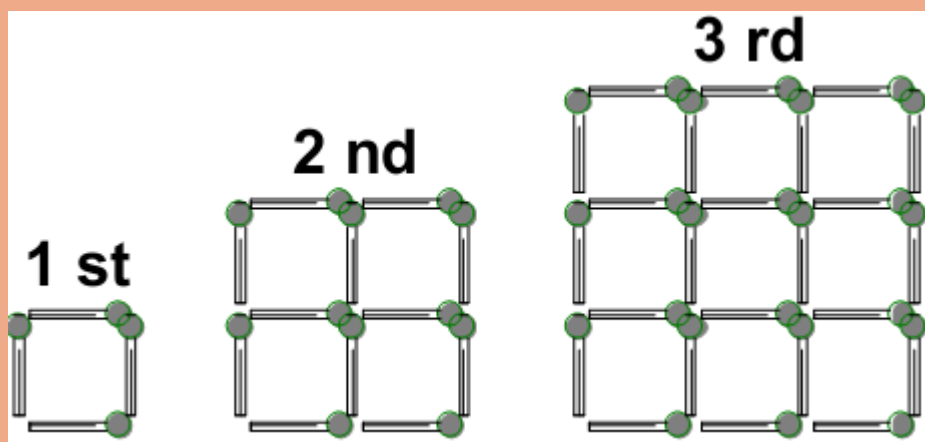
- A. 8
- B. 12
- C. 6
- D. 14
- E. 7

Q8

A father is 50 years old. His son is 24 years old. How many years ago was the father's age three times his son's age?

Q9

Ali is making squares using matches. He made the next square by adding more matches to the previous square. How many matches does he have to add to the 5th square to build the 6th square?



Q10

How many times will the digit "7" be written if you write down the numbers 1, 2, 3, 4, ..., 2016, 2017?