Grade 3

Problem №1.

What is the missing number in the sequence 1, 2, 4, … , 11, 16?

A) 5 B) 6 C) 7 D) 8 E) 9

Problem №2.

Lilia scored 15 points fewer than Bob, who scored 35 points. Carl scored twice as many points as Lilia. How many points did Carl score?

A) 10 B) 20 C) 40 D) 50 E) 100

Problem №3.

Three friends have 18 jelly beans altogether. They want to share the jelly beans equally among each other. How many jelly beans should each friend get?

A) 2 B) 3 C) 4 D) 5 E) 6

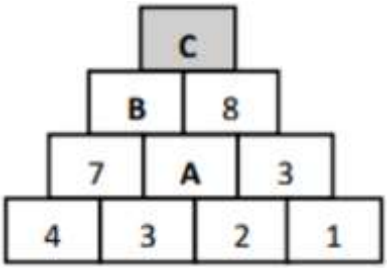
Problem №4.

For three days, Kitty was catching mice. Each day Kitty caught 2 more mice than the previous day. Among given answers how many mice possibly did Kitty catch in these three days?

A) 14 B) 13 C) 8 D) 10 E) 9

Problem №5.

Study the picture carefully. What number should be placed in the shaded box with letter C?



A) 16 B) 18 C) 20 D) 21 E) 22

Problem №6.

A number is added to 3.The sum is then multiplied by 5. When 8 is subtracted from the product, the result is 12. What is the number?

A) 1 B) 2 C) 3 D) 4 E) 5

Problem №7.

The product of two numbers is 100 and their sum is 29. What is their difference?

A) 25 B) 15 C) 29 D) 21 E) 46

Problem №8.

The sum of five consecutive whole numbers (5 numbers next to one another) is 20. What is their product?

A) 60 B) 120 C) 180 D) 360 E) 720

Problem №9.

The number 638*977 is a seven-digit number where the middle digit is hidden by * and it can be only one of the digits 0, 1, 2, … 9. For what values of *, the number 638*977 is divisible by 7?

Problem №10.

What number is covered by the star?

Problem №11.

Angelica added all the whole numbers from 1 to 20. Benjamin added all the whole numbers from 11 to 30. Chris subtracted Angelica's answer from Benjamin's. What is the number Chris got?

Problem №12.

A math competition paper consists of 20 questions. Each question is worth 4 or 5 points. The total maximum number of points possible is 84. Jack was able to solve all the 4-point questions and half of the 5-point questions. What is Jack's score?