Treasure Search

While searching for the treasure, travelers stumbled across a metal can. According to the description, the lid should contain the same number of white and black balls. But someone painted three white marbles black. How many more black balls than white ones now?

A. 6 B. 3 C. 9 D. 4

During their search, the students found many interesting items that they are now selling at the fair. They just ran out of fifty groszy coins to spend the rest. What is the minimum number of coins that can be withdrawn 87 groszy without using a 50 groszy coin?

A. 8 B. 12 C. 4 D. 6

In the basement of the school, inquisitive seekers found lots of empty boxes. There are 6 medium boxes in a large box, 6 small boxes in each medium-sized box, and 3 quite tiny boxes in each small box. How many boxes are in a big box?

A. 150 B. 108 C. 144 D. 15

Students walk along a 20 m long underground corridor. On both sides of the corridor they make chalk marks on the walls. They observe the rule that the distance between adjacent marks on each side of the corridor is 2 m. How many signs will there be on the walls when they complete the entire corridor?

A. 10 B. 20 C. 12 D. 22

It is 2019. Brave explorers plundering the island have stumbled upon a crowd of natives celebrating the young shaman's birthday. The sum of the number of years he has completed and the number of his father's years is 80. We know that his father is 24 years older than him. In what year was the young shaman born?

A. 1950 B. 1960 C. 1991 D. 1988

Treasure hunters play board games in their spare time. The faces of the dice are described with the numbers 1, 6, 5, 3, 2 and 7, so that the sums of the numbers on the opposite faces are equal. What number is opposite the number 2?

A. 1 B. 2 C. 4 D. 6

All brave travelers wonder what this treasure is hidden on the island. Marysia believes that it is one million zlotys in packs of 100 hundred zlotys. If this is true, how many packages of banknotes are hidden on the island?

A. 100 B. 200 C. 1000 D. 10

In addition to treasure hunts, brave students learn various useful things - for example, foreign languages. In Wojtek's class of 24 students, there are 12 students learning French and 12 students learning German. How many students do not learn either of these two languages, if it is known that only 3 students in a class are learning both of these languages.

A. 11 B. 3 C. 5 D. 6

Young travelers are smart! On the break of 9 sticks of the same length (using all of them and not breaking any) they arranged a triangle, each side of which was of a different length. How many sticks was its longest side made of?

A. 4 B. 9 C. 7 D. 8

Course of classes:

1. The teacher has prepared a garbage dump and boxes with codes written on the top, in which he has hidden the prizes. There were 9 task numbers with answers written on each box. There were as many boxes as there were 5 stalkers.

2. Students look for 9 numbered closed tasks a, b, c, d in the garbage and then solve them all. They write down their answers on specially prepared pieces of paper, with which they then approach the boxes.

3. The boxes have task numbers with one answer a, b, c or d. Each box has a different combination of answers and only one box has the correct answers.

4. Students compare their answers with the answers on the boxes and choose the box that best suits them.

5. The codes on the boxes looked like

1B

2C

3A

4D

5D

6A

7C

8D

9A