

We solve the olympiad tasks in mathematics.4th grade

Homework Writing Service

We continue to prepare for primary school olympiads. Believe it, it is a very important and responsible moment in the life of a schoolchildren, but you should not be afraid. With our help, you will learn how to solve typical tasks without difficulty. Task 1. Calculate: $2012 + 201 + 2 + 20 + 12$

Replies options. A.2235 B.2245 B.2247 g.2251 d.2257

Solution. 1) $2012 + 201 = 2213$ 2) $2213 + 2 = 2215$ 3) $2215 + 20 = 2235$ 4) $2235 + 12 = 2247$. This is an answer option to problem 2. Of the squares whose side is 1 cm, the figure shown in the figure. Find the perimeter of this figure.

Replies options. A: 12 cm b: 16 cm in: 20 cm g: 24 cm d: 26 cm

Solution. Calculate the perimeter of the figure: $1 + 1 + 2 + 1 + 2 + 1 + 2 + 1 + 1 + 2 + 2 + 1 + 4 + 1 + 2 + 2 = 5 + 5 + 6 + 10 = 26$ cm. This is a response option D. Objective 3. Petrik bought a book with logical tasks and paid 10 UAH for it and another half of the book value. How much is the book?

Replies options. A: 12 UAH 50 CPA B: 15 UAH Q: 17 UAH 50 kop g: 20 UAH D: 25 UAH

Solution. Half of the cost of the book is $10 : 2 = 5$ UAH. Thus, the book cost Petrik at $10 + 5 = 15$ UAH. This is a version of B. task 4. Oleg posted a one-row leaflets with sequential numbers from 1 to 20 ascending. Then the leaves with numbers from 1 to 10 it moved to the end of this row, without changing their order. What number in a new row will be at the twelfth place?

Replies options. A: 1 B: 2 in: 3 g: 12 d: 13

Solution. After moving the leaves, we obtain a sequence of numbers from 11 to 20 and from 1 to 10. Thus, 2 (the tenth number 20, eleventh 1, twelfth 2) will stand on the 12th place. This is the answer version B. Task 5. December 7, 2012 Andrei was 9 years old and 9 months, Oleg - 10 years and 1 month, and Bogdanu - 9 years and 8 months. What is the amount of the age of these boys?

Replies options. A.28 years and 6 months of b.29 years and 6 months of V.29 years and 8 months of the city of 30 years and 6 months d.30 years and 2 months

Solution. Calculate the year of the boys $9 + 10 + 9 = 28$ years. We calculate the months and translate in the year $9 + 1 + 8 = 18$ months. This is 1 year and 6 months. Thus, the sum of the age of boys is 28 years old +1 year 6 months = 29 years 6 months. This is a version of B. Task 6. The figure shows 3 squares so that the distances between the corresponding sides of the adjacent squares are 3 cm. What is the perimeter of the slightest square?

Replies options. A: 40 cm b: 100 cm in: 10 cm g: 64 cm d: 20 cm

Solution. The side of the mid-square is $22 \text{ cm} - 3 \text{ cm} - 3 \text{ cm} = 16 \text{ cm}$. Then the side of the slightest square is $16 \text{ cm} - 3 \text{ cm} - 3 \text{ cm} = 10 \text{ cm}$. The perimeter of the slightest square is then $10 \text{ cm} * 4 = 40 \text{ cm}$. This is a response version of A.

Successes! Tasks taken from <http://www.kangaroo.com.ua/>

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