



Przykładowe zadania konkursowe.

Wszystkich zadań będzie 20, z czego 15 to zadania matematyczne (zadanie w języku angielskim), a 5 to zadania językowe (zadania leksykalne w oparciu o dostarczony słowniczek). Regulamin oraz załączniki i przykładowe zadania można znaleźć na stronie internetowej szkoły: <https://psp7ostrowiec.edupage.org/a/konkursy>

"Maths & English - My Passion" (Konkurs Matematyczno-Językowy)

1. Solve mathematical tasks.

1

How much is the reciprocal of the sum of the reciprocal of numbers 2, 4 and 6? *
(1 punkt)

- 11/12
- 12/11
- 11/12
- 12/11

2

In the class of 25 students, there are five boys. How much does the number of girls account for? *

(1 punkt)

- 20 %
- 25%
- 75%
- 80%

3

There are four expressions below. Which of these expressions are lower than 10. *

(1 punkt)

I. $4 + \sqrt{35}$

II. $6 + \sqrt{17}$

III. $17 - \sqrt{48}$

IV. $15 - \sqrt{26}$

- I i II
- II i III
- III i IV
- I i IV

4

Calculate the value of the given expression, mind the order of the operations.

$-15 - (-8) : (-4) - 7 - (-3)$ *

(1 punkt)

- 21
- 6,5
- 27

5

How many numbers are there between CCCXCVI i CDLXXXIX? *
(1 punkt)

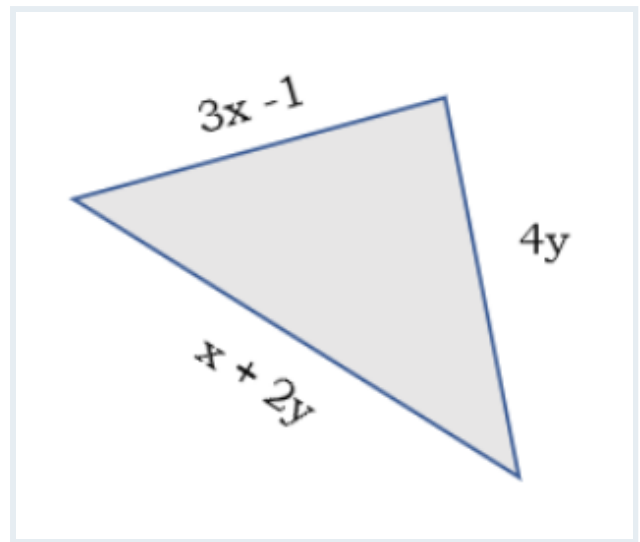
- 92
- 93
- 94

6

$$\frac{12}{21} \quad i \quad \frac{6}{7}$$

Calculate the quotient of the given numbers. *
(1 punkt)

- 30/21
- 6/21
- 2/3
- 72/147



Write down the perimeter of the triangle by means of algebraic expressions.

Calculate the numerical value of the expressions:

for $x = 3$

and

for $y = 1/3$. *

(1 punkt)

- 8
- 12
- 13
- 14

2. Translate into Polish.

8

addition
(1 punkt)

9

calculate
(1 punkt)

3. Choose the correct answer.

10

(1 punkt)

- addition
- adition
- addittion