

MATHS COMPETITION

klasa VII-VIII

Zadanie 1

The average age of Wojtek, Bartek and Marysia is 15. The average age of Wojtek and Bartek is 13. Wojtek is six years younger than Bartek. How old is everyone?

Zadanie 2

There were some chestnuts under a chestnut tree. Piotr took 6 and Staś took 13. Together they had $\frac{1}{3}$ of all the chestnuts. How many chestnuts were left under the tree?

Zadanie 3

Two CDs had the same price. Then the price of one of them was reduced by 5 % and the price of the other was increased by 15%. After that change the difference in price between the CDs is 6 zł. How much does the cheaper CD cost?

Zadanie 4

A father has got two sons. If you add all three of their ages together it equals 67. The father is 24 years older than the first son and 26 years older than the second son. How old are the sons and their father?

Zadanie 5

Calculate the circumference and area of an isosceles triangle with a side of 4 cm, base 6 cm and height 7 cm.

Zadanie 6

Carry out the following mathematical operations

Zadanie 7

Fractions and decimal fractions

Zadanie 8

Geometrical figures - area and perimeter