

Przykładowe zadania z wcześniejszych edycji konkursu

There were some chestnuts under a chestnut tree. Piotr took $\frac{1}{9}$ of them and Staś took 46. Together they had $\frac{1}{3}$ of all the chestnuts. How many chestnuts were left under the tree?

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?

The size of a fish tank is 3 dm by 0,5 m by 30 cm. A 750 ml jug was used to fill the tank until the water reached four-fifths of the tank's height. How many jugs of water were used?

The distance between city A and city B is equal to the same number of kilometers as the greatest common divisor of 780 and 330. What was the speed of a traveller who walked that distance in 6 hours?

The price of a bicycle was reduced by 75 zł and then again the new price was reduced by 20 %. After both reductions the bike now costs 580 zł. What was the original price? By how many per cent was the original price reduced?

The perimeter of a quadrilateral equals 32 cm. After dividing the figure with a diagonal, there are two triangles with 18 cm and 20 cm perimeters. What is the length of the dividing diagonal?

A 200 m long train goes through a 200m long tunnel at 200 km/h. How long does it take for the train to get through the tunnel?

Jaś needs 10 minutes to eat a pizza and Małgosia needs 15 minutes. How long does it take for both of them to eat a pizza together?

There are two dragons: red and green. If the red dragon had 6 heads more than the green dragon, both of them would have 34 heads altogether. But in fact, the red dragon has 6 heads less than the green dragon. How many heads has the red dragon got?

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?

A book has got 423 numbered pages. How many times is the digit 5 in the tens column and how many times is it in the hundreds column?

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?

There were 9500 spectators at a football match. 6375 of them were men. Of the remaining spectators, there were 4 times as many children as women. How many children were there?

A book has got 250 pages and there are 44 lines on each page. How many pages would it have if there were 40 lines on each page?

A father is 4 times older than his son. The sum of their ages equals 50. In how many years will the father's age be twice that of the son's?

Ted runs up a mountain road at 8 km per hour. It takes him one hour to get to the top. He runs down the same road at 12 km per hour. How many minutes does it take him to run down the mountain?