

Three tasks of the King Hadankar



One day the king called Hadankar has kidnapped princess Jasmine. Her husband Aladdin didn't know how to help her. Some day he went into the deep forest. He thought that in this forest the king Hadankar lives. He came in front of the dark cave, where was written: "If you will calculate this problem $8+9-3+2-1-3$, you will be able to get inside." Because Aladdin knew count very well and he was very good at Maths, so didn't any problem. He told: "So it will be the 12". The cave was opened. Prince came into cave slowly. There was another Hadankar's inscription on the wall: "If you want to go further, you must calculate the volume of the cube with edge 10 cm." "I think it will be 1000 cm^2 ." But the door of cave didn't open. "Oh sure cubic centimeters". Then the door opened. Aladdin went about an one hour trough the dark cave. On a huge rock was another problem: "Calculate the perimeter of trapezoid with sides 5cm, 8cm, 1cm and 3cm". "Oh no, I forgot the formula", But Prince Aladdin was thinking about it and then he said. "Perimeter, of course. I must sum all the parties! So the result will be 17 cm". The rock was opened. Aladdin saw king Hadankar and his loved Jasmine. "I didn't know, that you so clever at mathematics", said king Hadankar. Then willy-nilly he had to give back the princess to Aladdin, because he promised to his father, that in case if someone solve all the tasks, he will return the stolen thing. And since this time king Hadankar didn't steal wife or sister of any prince, who is good at Maths.

