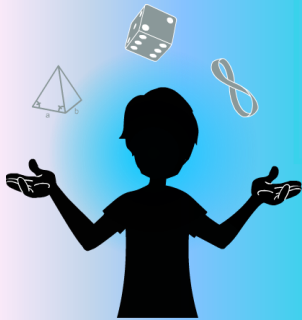


PUZZLING CARTOON

-CANDIES FOR EVERYONE-



AMAZINGMATHS

Materials:

- Video of the puzzle
- Sheets of paper
- Pencils

The puzzle

5 friends are in Ms. Sophie's class. Annie has 9 candies, Matthew has 8, Clara has 3 candies, Nicolas has 7 and Cassy 2. Their teacher has 21 candies. She wants to distribute the candies among these 5 friends, so that in the end they all have the same amount.



At the beginning, Cassy had 2 candies. How many candies will Ms. Sophie give her?



PUZZLE SOLUTION



The answer:

Ms. Sophie will give her 8 candies.

The solution:

Together, the children have: $9 + 8 + 3 + 7 + 2 = 29$ candies. Their teacher has 21 candies. There are then 50 candies in total to share out among the 5 friends. Each friend will have: $50 \div 5 = 10$ candies.

Since Cassy had 2 candies, Ms. Sophie will give her 8 so she has 10 candies, like everyone else.