

Calculating averages: problems

Calculate the average (mean) by adding up the figures and then dividing by the number of figures:

$$\text{average} = \text{total amount} \div \text{total number of figures}$$

Example:

The shoe sizes of 3 students were 6, 4 and 8. Find the average shoe size.

The total amount of these figures is $6 + 4 + 8 = 18$.

There are 3 shoe sizes, the average shoe size is $18 \div 3 = 6$.

Calculate the average:

1. Three children in a family are 3, 5 and 7 years old. What is their average age?
2. The prices for rides at the local fairground are 60p, 75p and 90p. What is the average price of a ride?
3. The temperature on 3 consecutive days was 5°C , 7°C and 6°C . What was the average temperature over the 3 days?
4. Four bags of potatoes weigh 1 kg, 2 kg, 4 kg and 5 kg. What is the average weight of the bags?
5. The number of goals scored by a football team during September was 2, 3, 5 and 6. What was the average number of goals scored?

Now check your answers with the answer sheet.