

# The mean



- 1 Scott has 2 counters. 
- Dani has 7 counters. 
- Kim has 3 counters. 

Share the counters evenly in order to find the mean number of counters.

The mean number of counters is

- 2 Find the mean of each set of numbers.

a)

b)

c)

- 3 Huan collects football cards.

The table shows how many he collected over four years.

| Year | Number of cards |
|------|-----------------|
| 2016 | 56              |
| 2017 | 104             |
| 2018 | 81              |
| 2019 | 103             |

Work out the mean number of cards collected per year.

- 4 a) The mean of four numbers is 9  
What is the total of the four numbers?

- b) Write an example of what the four numbers could be if none of them are 9

   

Compare answers with a partner.

How many different solutions can you find?



- 5 The table shows how many pets a number of children have.  
One value is missing.

| Name   | Number of pets |
|--------|----------------|
| Brett  | 4              |
| Nijah  | 0              |
| Rosie  | 1              |
| Teddy  | 2              |
| Esther |                |
| Tom    | 7              |

The mean number of pets is 3  
How many pets does Esther have?

- 6 Six numbers are written on cards.  
The mean of the numbers is 12  
Fill in the two missing numbers if one is double the other.

|    |  |   |    |   |  |
|----|--|---|----|---|--|
| 13 |  | 4 | 16 | 6 |  |
|----|--|---|----|---|--|

- 7 A basketball team played four games.  
The mean number of points was 45  
a) How many points did they score in total in the four games?

- b) After the fifth game, the mean increased to 50  
How many points did they score in the fifth game?

- 8 A group of children have a mean height of 1.4 m.  
Another child joins the group.  
a) What will happen to the mean if the child is 1.5 m tall?

---

---

- b) What will happen to the mean if the child is 1.4 m tall?

---

---

- c) What will happen to the mean if the child is 1.3 m tall?

---

---