Name: _____ Date: _____

Mainly means

Calculate the mean as an average of a set of data
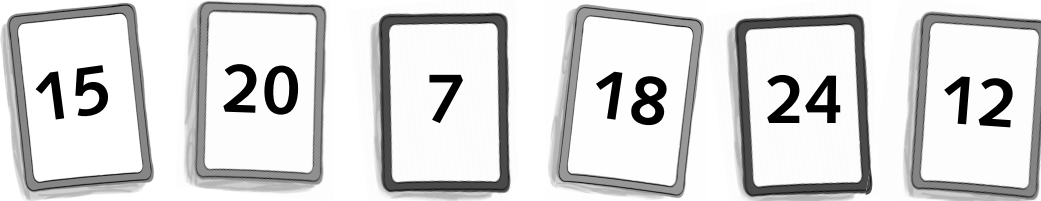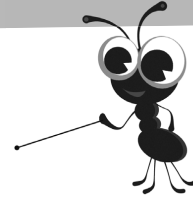
| 15 | 20 | 7 | 18 | 24 | 12 |

Challenges 1, 2, 3

1 Find the mean of each set of three cards.

a 15, 20, 7

Mean = ☐

b 18, 24, 12

Mean = ☐

2 Find two number cards from the top of the sheet that have a mean of the following numbers.

a 11: ☐ and ☐

b 16: ☐ and ☐

Challenges 2, 3

Find three number cards from the top of the sheet that have a mean of the following numbers.

a 13: ☐ and ☐ and ☐   **b** 14: ☐ and ☐ and ☐

c 18: ☐ and ☐ and ☐   **d** 17: ☐ and ☐ and ☐

e 15: ☐ and ☐ and ☐   **f** 19: ☐ and ☐ and ☐

Challenge 3

Three children have completed a computer game. Amit scored 77 and Ben scored 65. The mean score for Amit, Ben and Carla was 75.

What was Carla's score? ☐

Work with someone at home. Use the cards at the top of the sheet. Ask them to find:

a which two cards have a mean of 19

b the mean of 7, 12, 15 and 18.

Ask them to show their working and answers on the back of this sheet.