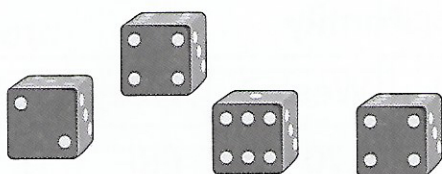


# The mean 2

1 Complete the bar models to show the mean number of dots on each group of dice.

a)



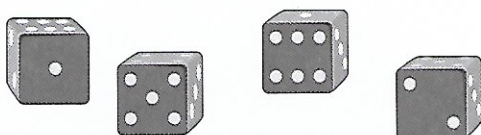
$$2 + 4 + 6 + 4 = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \div 4 = \boxed{\phantom{00}}$$

|   |   |   |   |
|---|---|---|---|
| 2 | 4 | 6 | 4 |
|---|---|---|---|

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

b)

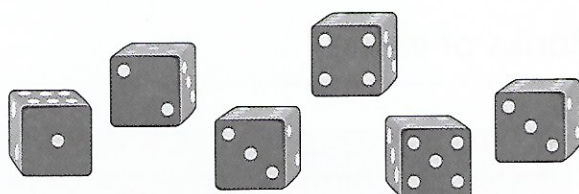


|   |   |   |   |
|---|---|---|---|
| 1 | 5 | 6 | 2 |
|---|---|---|---|

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|



c)



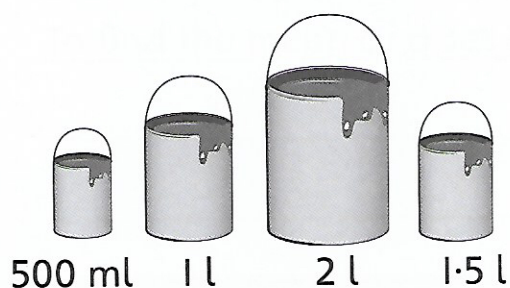
|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|



2

Find the mean capacity of these paint pots.





- 3 These tables show how much money two families spend on food each week.

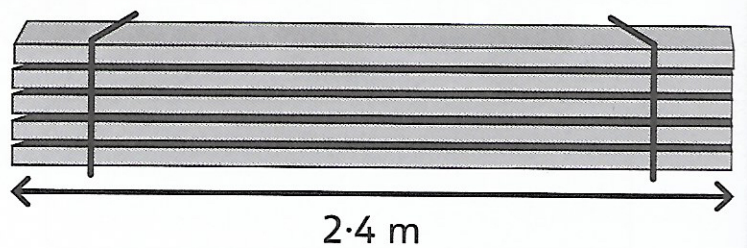
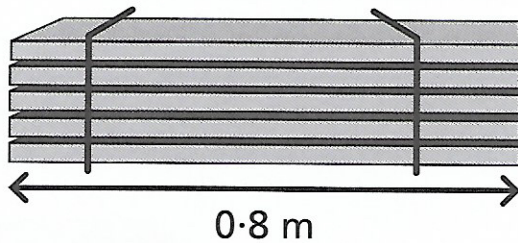
Which family has the greater mean weekly spend?

| Brown Family |        |        |
|--------------|--------|--------|
| Week 1       | Week 2 | Week 3 |
| £74          | £85    | £69    |

| Kapoor Family |        |        |        |
|---------------|--------|--------|--------|
| Week 1        | Week 2 | Week 3 | Week 4 |
| £72           | £70    | £81    | £78    |



- 4 Find the mean length of all the planks of wood.






**CHALLENGE**

- 5 Here are the scores from a gymnastics competition. The winner is the person with the greatest mean score. Who comes first, second and third?

|        |   |     |    |     |   |
|--------|---|-----|----|-----|---|
| Kate   | 5 | 5.5 | 5  | 5.5 | – |
| Amelia | 5 | 5   | 6  | 6   | 5 |
| Lexi   | 4 | 8   | 10 | –   | – |
| Bella  | 0 | 10  | 10 | 10  | 2 |



First: \_\_\_\_\_ Second: \_\_\_\_\_ Third: \_\_\_\_\_

## Reflect

Complete this sentence.

- To find the mean of a set of numbers, you ...
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_