

Q1 (mean/range) Day 127 Name: _____

1. Six girls counted **how many DVDs they had at home**. Ruth made a list of the numbers of DVDs each of the girls had at home.

Look at the list below.

4 9 3 5 7 8

a) What is the **mean** (average) number of DVDs? Write your answer in the space below.

_____ DVDs

b) Look again at the six numbers. What is the **range** of DVDs?
Write your answer in the space below.

_____ DVDs

2. Five teachers counted **how many books they had at home**. John made a list of the numbers of books each of the teachers had at home.

Look at the list below.

11 9 3 8 4

a) What is the **mean** (average) number of books? Write your answer in the space below.

_____ books

b) Look again at the five numbers. What is the **range** of books?
Write your answer in the space below.

_____ books

3. Six boys counted **how many apples they had at home**. Grace made a list of the numbers of apples each of the boys had at home in their fruit bowl.

Look at the list below.

15 14 3 9 7 12

a) What is the **mean** (average) number of apples? Write your answer in the space below.

_____ apples

b) Look again at the six numbers. What is the **range** of apples? Write your answer in the space below.

_____ apples

4. Over **seven** hours, Derek counted **how many cars passed his home**. Derek made a list of the numbers of cars that passed his home each hour.

Look at the list below.

9 3 6 7 8 10 6

a) What is the **mean** (average) number of cars? Write your answer in the space below.

_____ cars

b) Look again at the seven numbers. What is the **range** of cars? Write your answer in the space below.

_____ cars

5. Over **six** days, Jen counted **the number of exercises she did in the gym**. Jen made a list of the numbers of exercises she completed at the gym.

Look at the list below.

9 4 8 7 3 11

a) What is the **mean** (average) number of exercises? Write your answer in the space below.

_____ exercises

b) Look again at the six numbers. What is the **range** of exercises? Write your answer in the space below.

_____ exercises

6. Over **seven** days, Max counted **the number of hours he spent watching TV**. Max made a list of the numbers of hours he watched TV each day.

Look at the list below.

13 10 9 11 4 7 9

a) What is the **mean** (average) number of hours? Write your answer in the space below.

_____ hours

b) Look again at the seven numbers. What is the **range** of hours? Write your answer in the space below.

_____ hours

7. Over **eight** months, Gemma counted **the number of times she took her dog for a walk**. Gemma made a list of the numbers of the times she took her dog for a walk.

Look at the list below.

12 8 2 10 9 5 7 11

a) What is the **mean** (average) number of walks? Write your answer in the space below.

_____ walks

b) Look again at the eight numbers. What is the **range** of walks? Write your answer in the space below.

_____ walks

8. Over **seven** days, Patrick counted **the number of squats he did in the gym**. Patrick made a list of the numbers of squats he completed at the gym.

Look at the list below.

36 21 8 19 25 29 9

a) What is the **mean** (average) number of squats? Write your answer in the space below.

_____ squats

b) Look again at the seven numbers. What is the **range** of squats? Write your answer in the space below.

_____ squats

9. Over **seven** days, Michael counted **the number of miles he travelled for work each day**. Michael made a list of the numbers of miles he travelled for work each day.

Look at the list below.

12 47 36 91 53 72 32

a) What is the **mean** (average) number of miles? Write your answer in the space below.

_____ miles

b) Look again at the seven numbers. What is the **range** of miles? Write your answer in the space below.

_____ miles

10. **Nine** teachers counted **how many pupils are in their class**. Toby made a list of the numbers of pupils in each class.

Look at the list below.

15 12 9 21 27 38 16 7 35

a) What is the **mean** (average) number of pupils? Write your answer in the space below.

_____ pupils

b) Look again at the nine numbers. What is the **range** of pupils? Write your answer in the space below.

_____ pupils

11. Eight boys counted **how many insects are in their garden at home**. Annie made a list of the numbers of insects in the boys' gardens at home.

Look at the list below.

112 96 47 72 81 36 29 55

a) What is the **mean** (average) number of insects? Write your answer in the space below.

_____ insects

b) Look again at the eight numbers. What is the **range** of insects? Write your answer in the space below.

_____ insects

12. Six girls counted **how many cornflakes where in their breakfast bowl**. Isla made a list of the numbers of cornflakes in their breakfast bowls.

Look at the list below.

249 312 191 86 229 127

a) What is the **mean** (average) number of cornflakes? Write your answer in the space below.

_____ cornflakes

b) Look again at the six numbers. What is the **range** of cornflakes? Write your answer in the space below.

_____ cornflakes

Answers

- | | |
|-----------|--------|
| 1. a) 6 | b) 6 |
| 2. a) 7 | b) 8 |
| 3. a) 10 | b) 12 |
| 4. a) 7 | b) 7 |
| 5. a) 7 | b) 8 |
| 6. a) 9 | b) 9 |
| 7. a) 8 | b) 10 |
| 8. a) 21 | b) 28 |
| 9. a) 49 | b) 79 |
| 10.a) 20 | b) 31 |
| 11.a) 66 | b) 83 |
| 12.a) 199 | b) 226 |