

**Q2 (Mean Range) Day 25**    **Name:** \_\_\_\_\_

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1. John buys his favourite apples each week. Each week, for **5** weeks, he counts the number of apples he buys. He makes a list of the **number of apples** he buys **each week**. Look at the list below.

7    8    9    4    2

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

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b) Look again at the 5 numbers in John's list. What is the **range**? Write your answer in the space below.

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2. Ruth buys her favourite Lego figures each week. Each week, for **6** weeks, she counts the number of Lego figures she buys. She makes a list of the **number of Lego figures she buys each week**. Look at the list below.

12    9    17    3    7    12

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

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b) Look again at the 6 numbers in Ruth's list. What is the **range**? Write your answer in the space below.

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3. Derek collects pennies each week. Each week, for **7** weeks, he counts the number of pennies he collects. He makes a list of the **number of pennies he collects each week**. Look at the list below.

**3    9    4    7    12    16    5**

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

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b) Look again at the 7 numbers in Derek's list. What is the **range**? Write your answer in the space below.

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4. Grace buys her favourite buttons each week. Each week, for **8** weeks, she counts the number of buttons she buys. She makes a list of the **number of buttons she buys each week**. Look at the list below.

**12    19    13    9    5    21    1    16**

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

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b) Look again at the 8 numbers in Grace's list. What is the **range**? Write your answer in the space below.

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5. Michael buys his favourite flowers each week. Each week, for **5** weeks, he counts the number of flowers he buys. He makes a list of the **number of flowers he buys each week**. Look at the list below.

14   21   82   23   65

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

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b) Look again at the 5 numbers in Michael's list. What is the **range**? Write your answer in the space below.

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6. Jen buys burgers each week. Each week, for **6** weeks, she counts the number of burgers she buys. She makes a list of the **number of burgers she buys each week**. Look at the list below.

27   32   16   9   5   13

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

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b) Look again at the 6 numbers in Jen's list. What is the **range**? Write your answer in the space below.

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7. Joel buys cookies each week. Each week, for **8** weeks, he counts the number of cookies he buys. He makes a list of the **number of cookie he buys each week**. Look at the list below.

17   21   32   9   4   18   3   24

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

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b) Look again at the 8 numbers in Joel's list. What is the **range**? Write your answer in the space below.

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8. Clare buys her favourite 1p chews every week. Each week, for **7** weeks, she counts the number of 1p chews she buys. She makes a list of the **number of 1p chews she buys each week**. Look at the list below.

27   36   4   21   9   3   19

a) What is the **mean** (average) number of 1p chews? Write your answer in the space below.

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b) Look again at the 7 numbers in Clare's list. What is the **range**? Write your answer in the space below.

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9. Toby buys his favourite football cards each week. Each week, for **9** weeks, he counts the number of football cards he buys. He makes a list of the **number of football cards he buys each week**. Look at the list below.

**6    13    25    4    37    26    49    2    27**

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

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b) Look again at the 9 numbers in Toby's list. What is the **range**? Write your answer in the space below.

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10. Gemma counts her favourite cereal flakes. Each day, for **5** days, she counts the number of flakes in her cereal. She makes a list of the **number of flakes she has each day**. Look at the list below.

**126            232            174            193            145**

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

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b) Look again at the 5 numbers in Gemma's list. What is the **range**? Write your answer in the space below.

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11. On holiday Max goes to the beach each day. Each day, for **6** days, he counts the number of grains of sand in his shoe. He makes a list of the **number of grains of sand in his shoe each day**. Look at the list below.

1492      927      623      2113      1291      1024

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

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b) Look again at the 6 numbers in Max's list. What is the **range**? Write your answer in the space below.

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12. Isla is counting the hairs on her brothers' and sisters' heads. She has two brothers and three sisters. She makes a list of the **numbers of hairs on each of their heads**. Look at the list below.

1976      2143      3917      4615      2234

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

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b) Look again at the 5 numbers in Isla's list. What is the **range**? Write your answer in the space below.

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**Answers**

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|-------------------|----------------|
| <b>1. a) 6</b>    | <b>b) 7</b>    |
| <b>2. a) 10</b>   | <b>b) 14</b>   |
| <b>3. a) 8</b>    | <b>b) 13</b>   |
| <b>4. a) 12</b>   | <b>b) 20</b>   |
| <b>5. a) 41</b>   | <b>b) 68</b>   |
| <b>6. a) 17</b>   | <b>b) 27</b>   |
| <b>7. a) 16</b>   | <b>b) 29</b>   |
| <b>8. a) 17</b>   | <b>b) 33</b>   |
| <b>9. a) 21</b>   | <b>b) 47</b>   |
| <b>10.a) 174</b>  | <b>b) 106</b>  |
| <b>11.a) 1245</b> | <b>b) 1490</b> |
| <b>12.a) 2977</b> | <b>b) 2639</b> |