**Line Graphs**

|  |  |  |
| --- | --- | --- |
| Name : | Class : | Date : |

|  |  |  |
| --- | --- | --- |
| Mark : | /4 | % |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1)** The line graph below shows the number of times Jayden used his car over 7 days.

|  |
| --- |
|  |
|   | http://www.mathster.com/course/simgs/117472886880_1.png |
|  |
| a) | How many times did Jayden drive his car on day 1? |  |
|  |
| b) | On which day did he use his car 6 times? |  |

      | [1]   |
| **2)** The line graph below shows the hourly temperatures on one day in November.

|  |
| --- |
|  |
|   | http://www.mathster.com/course/simgs/117472886880_2.png |   |
|  |
| a) | What was the temperature at 4 pm? |  |
|  |
| b) | At what time was the lowest temperature recorded? |  |
|  |
| c) | At what time was the highest temperature recorded? |  |
|  |
| d) | What was the difference in temperature between 5 and 7 pm? |  |

      | [1]   |
| **3)** The table shows the number of times Alex used his van each day of the week.Draw a line graph using the grid below to represent this data.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| http://www.mathster.com/course/simgs/117472886880_3.png |   |

|  |  |
| --- | --- |
| Day | Frequency |
| 1 | 6 |
| 2 | 1 |
| 3 | 7 |
| 4 | 3 |
| 5 | 2 |
| 6 | 9 |
| 7 | 4 |

 |

      | [1]   |
| **4)** The table below shows the distance Ben travelled by car each day of the week.Draw a line graph using the grid below to represent this data.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| http://www.mathster.com/course/simgs/117472886880_4.png |   |

|  |  |
| --- | --- |
| Day | Miles |
| 1 | 46 |
| 2 | 37 |
| 3 | 14 |
| 4 | 47 |
| 5 | 32 |
| 6 | 19 |
| 7 | 36 |

 |

      | [1]   |

**Solutions for the assessment Line Graphs**

|  |  |
| --- | --- |
| **1)** a) 7, b) 5 | **2)** a) 9oC, b) 10 pm, c) 4 pm, d) 2oC |
| **3)** http://www.mathster.com/course/simgs/117472886880_5.png |
| **4)** http://www.mathster.com/course/simgs/117472886880_6.png |