**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 | |