**Tally charts and frequency tables**

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

|  |  |  |
| --- | --- | --- |
| Mark : | /6 | % |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1)** Complete the chart of favourite pets

|  |  |  |
| --- | --- | --- |
| dog | | | | | | | | | 7 |
| rabbit | | | | | |  |
| fish | | | | | | | | | |  |
| cat | | | | |  |
| horse | | | | | | | |  |

 | [1]   |
| **2)** Complete the tally of favourite pets

|  |  |  |
| --- | --- | --- |
| hamster | | | | | | | | | | 8 |
| fish |  | 6 |
| rabbit |  | 5 |
| dog |  | 3 |
| cat |  | 7 |

 | [1]   |
| **3)** The raw data below shows the colour of the cars that were parked outside of a school

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Red | Blue | Yellow | Yellow | Black | Green |
| Red | Red | Red | Green | White | Green |
| Blue | Red | Blue | Green | Yellow | Green |
| Black | Red | Green | Green | White | Green |

Complete the frequency table for the car colours

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Colour** | Blue | Red | Yellow | Green | Black | White |
| **Frequency** |  |  |  |  |  |  |

      | [1]   |
| **4)** The raw data below shows the colour of the cars that were parked outside of a school

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Green | Yellow | Red | Black | Purple | Purple |
| Blue | Purple | Red | Purple | Black | White |
| Black | Green | Purple | Blue | White | Purple |
| Green | Black | White | Black | Green | Black |

Complete the frequency table for the car colours

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Colour** | Blue | Red | Yellow | Green | Black | White |
| **Tally** |  |  |  |  |  |  |
| **Frequency** |  |  |  |  |  |  |

 | [1]   |
| **5)** The raw data below shows scores on a Maths test

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | 80 | 60 | 50 | 40 | 80 | 80 | 90 |
| 40 | 70 | 50 | 90 | 100 | 50 | 100 | 90 |
| 50 | 70 | 50 | 70 | 40 | 60 | 80 | 70 |

Complete the frequency table for the Maths test scores

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Score** | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **Frequency** |  |  |  |  |  |  |  |  |

 | [1]   |
| **6)** The raw data below shows scores on a Maths test

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 90 | 50 | 80 | 80 | 60 | 100 | 50 | 90 |
| 80 | 40 | 30 | 40 | 90 | 60 | 100 | 60 |
| 30 | 100 | 30 | 30 | 70 | 100 | 80 | 70 |

Complete the frequency table for the Maths test scores

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Score** | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| **Tally** |  |  |  |  |  |  |  |  |
| **Frequency** |  |  |  |  |  |  |  |  |

 | [1]   |

**Solutions for the assessment Tally charts and frequency tables**

|  |  |
| --- | --- |
| **1)** 7, **4**, **8**, **3**, **6** | **2)** | | | | | | | |, **| | | | | |**, **| | | | |**, **| | |**, **| | | | | | |** |
| **3)** 3,6,3,8,2,2 | **4)** 2,2,1,4,6,3 |
| **5)** 1,3,5,2,4,4,3,2 | **6)** 4,2,2,3,2,4,3,4 |