**Tally charts and frequency tables**

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

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

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

|  |  |  |
| --- | --- | --- |
| hamster | | | | | 3 |
| fish | | | | | | |  |
| dog | | | | | | | | | |  |
| rabbit | | | | | | | | |  |
| cat | | | |  |

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

|  |  |  |
| --- | --- | --- |
| horse | | | | 2 |
| cat |  | 5 |
| dog |  | 6 |
| rabbit |  | 4 |
| fish |  | 8 |

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

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

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

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

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

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

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

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

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)** 3, **5**, **8**, **7**, **2** | **2)** | |, **| | | | |**, **| | | | | |**, **| | | |**, **| | | | | | | |** |
| **3)** 2,4,6,2,6,4 | **4)** 3,2,6,2,0,5 |
| **5)** 2,2,3,4,3,4,3,3 | **6)** 3,2,5,4,1,4,3,2 |