**Rounding to significant figures**

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

|  |  |  |
| --- | --- | --- |
| Mark : | /10 | % |

|  |  |
| --- | --- |
| **1)** Round to 1 significant figure      a)      15     .........     b)      983     .........     c)      0.0097     ......... | [4]   |
|      d)      1.9     ......... |  |
| **2)** Round to 2 significant figures      a)      0.133     .........     b)      0.0403     .........     c)      90054     ......... | [3]   |
| **3)** Round to 3 significant figures      a)      0.6402     .........     b)      160.7     ......... | [2]   |
| **4)** Round the numbers in the table.

|  |  |  |  |
| --- | --- | --- | --- |
| **Number** | **1 significant figure** | **2 significant figures** | **3 significant figures** |
| 4.915 | 5 |  |  |
| 5253 |  |  |  |
| 197.196 |  |  |  |
| 0.4063 |  |  |  |

 | [1]   |

**Solutions for the assessment Rounding to significant figures**

|  |  |
| --- | --- |
| **1)**  a) 20 |      b) 1000 |
|      c) 0.01 |      d) 2 |
| **2)**  a) 0.13 |      b) 0.040 |
|      c) 90000 |  |
| **3)**  a) 0.640 |      b) 161 |
| **4)** 4.915 = 5, **4.9**, **4.92**5253 = **5000**, **5300**, **5250**197.196 = **200**, **200**, **197**0.4063 = **0.4**, **0.41**, **0.406** |  |