**Rounding to significant figures**

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

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

|  |  |
| --- | --- |
| **1)** Round to 1 significant figure       a)      0.00024     .........       b)      211     .........       c)      96     ......... | [4] |
| d)      864     ......... |  |
| **2)** Round to 2 significant figures       a)      9.17     .........       b)      119     .........       c)      58.1     ......... | [3] |
| **3)** Round to 3 significant figures       a)      0.7703     .........       b)      9.405     ......... | [2] |
| **4)** Round the numbers in the table.   |  |  |  |  | | --- | --- | --- | --- | | **Number** | **1 significant figure** | **2 significant figures** | **3 significant figures** | | 2.745 | 3 |  |  | | 5164 |  |  |  | | 495.129 |  |  |  | | 0.3053 |  |  |  | | [1] |

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

|  |  |
| --- | --- |
| **1)**  a) 0.0002 | b) 200 |
| c) 100 | d) 900 |
| **2)**  a) 9.2 | b) 120 |
| c) 58 |  |
| **3)**  a) 0.770 | b) 9.41 |
| **4)** 2.745 = 3, **2.7**, **2.75** 5164 = **5000**, **5200**, **5160** 495.129 = **500**, **500**, **495** 0.3053 = **0.3**, **0.31**, **0.305** |  |