**Rounding to significant figures**

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

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

|  |  |
| --- | --- |
| **1)** Round to 1 significant figure       a)      424     .........       b)      0.47     .........       c)      0.00064     ......... | [4] |
| d)      179     ......... |  |
| **2)** Round to 2 significant figures       a)      70287     .........       b)      0.0207     .........       c)      3.82     ......... | [3] |
| **3)** Round to 3 significant figures       a)      3.308     .........       b)      0.4502     ......... | [2] |
| **4)** Round the numbers in the table.   |  |  |  |  | | --- | --- | --- | --- | | **Number** | **1 significant figure** | **2 significant figures** | **3 significant figures** | | 2.946 | 3 |  |  | | 9283 |  |  |  | | 298.385 |  |  |  | | 0.3061 |  |  |  | | [1] |

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

|  |  |
| --- | --- |
| **1)**  a) 400 | b) 0.5 |
| c) 0.0006 | d) 200 |
| **2)**  a) 70000 | b) 0.021 |
| c) 3.8 |  |
| **3)**  a) 3.31 | b) 0.450 |
| **4)** 2.946 = 3, **2.9**, **2.95** 9283 = **9000**, **9300**, **9280** 298.385 = **300**, **300**, **298** 0.3061 = **0.3**, **0.31**, **0.306** |  |