**Rounding to significant figures**

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| --- | --- | --- |
| 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** |  |