**Rounding to decimal places**

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

|  |  |  |
| --- | --- | --- |
| Mark : | /12 | % |

|  |  |
| --- | --- |
| **1)** Round to 1 decimal place      a)      0.374     .........     b)      0.798     .........     c)      0.393     ......... | [4]   |
|      d)      0.584     ......... |  |
| **2)** Round to 2 decimal places      a)      0.136     .........     b)      0.138     .........     c)      0.464     ......... | [3]   |
| **3)** Round to three decimal places      a)      29.9757     .........     b)      46.2317     .........     c)      79.0919     ......... | [3]   |
| **4)** An office worker's hourly wage is £21.618.Give her salary in pounds rounded to the nearest penny.     £ .........      | [1]   |
| **5)** Round the numbers in the table.

|  |  |  |
| --- | --- | --- |
| **Number** | **1 decimal place** | **2 decimal places** |
| 0.181 | 0.2 |  |
| 8.928 |  |  |
| 0.4923 |  |  |
| 45.7053 |  |  |

 | [1]   |

**Solutions for the assessment Rounding to decimal places**

|  |  |
| --- | --- |
| **1)**  a) 0.4 |      b) 0.8 |
|      c) 0.4 |      d) 0.6 |
| **2)**  a) 0.14 |      b) 0.14 |
|      c) 0.46 |  |
| **3)**  a) 29.976 |      b) 46.232 |
|      c) 79.092 | **4)** £21.62 |
| **5)** 0.181 = 0.2, **0.18**8.928 = **8.9**, **8.93**0.4923 = **0.5**, **0.49**45.7053 = **45.7**, **45.71** |  |