**Circumference of a Circle**

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

|  |  |  |
| --- | --- | --- |
| Mark : | /7 | % |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1)** Name the labelled parts of the circle below. Choose from the following words: circumference, centre, radius, diameter   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | http://www.mathster.com/course/simgs/92504257398_1.png | |  | | --- | | 1. .................. | | 2. .................. | | 3. .................. | | 4. .................. | | | [1] |
| **2)** Find the circumference of the circle pictured below, rounding your answer to 3 significant figures  http://www.mathster.com/course/simgs/92504257398_2.png | [1] |
| **3)** A circle has a radius of 2.7 cm. Find the circumference of the circle, rounding your answer to 3 significant figures. | [1] |
| **4)** Find the circumference of the circle pictured below, rounding your answer to 3 significant figures  http://www.mathster.com/course/simgs/92504257398_3.png | [1] |
| **5)** The diameter of a circle is 4 cm. Find the circumference of the circle, rounding your answer to 3 significant figures. | [1] |
| **6)** Find the radius of a circle, where the circumference is:         26 cm | [1] |
| **7)** Find the diameter of a circle, where the circumference is:         25 cm | [1] |

**Solutions for the assessment Circumference of a Circle**

|  |  |
| --- | --- |
| **1)** 1 = diameter, 2 = centre, 3 = circumference, 4 = radius | **2)** Circumference = 465 cm |
| **3)** Circumference = 17.0 cm | **4)** Circumference = 20.1 cm |
| **5)** Circumference = 12.6 cm | **6)** Radius = 4.14 cm |
| **7)** Diameter = 7.96 cm |  |