**Circumference of a Circle**

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| Name : | Class : | Date : |

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| **1)** Name the labelled parts of the circle below. Choose from the following words: circumference, centre, radius, diameter   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | http://www.mathster.com/course/simgs/58732861880_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/58732861880_2.png | [1] |
| **3)** A circle has a radius of 5.4 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/58732861880_3.png | [1] |
| **5)** The diameter of a circle is 15 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:         8.6 cm | [1] |
| **7)** Find the diameter of a circle, where the circumference is:         7.1 cm | [1] |

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

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| **1)** 1 = diameter, 2 = radius, 3 = centre, 4 = circumference | **2)** Circumference = 13.8 cm |
| **3)** Circumference = 33.9 cm | **4)** Circumference = 23.6 cm |
| **5)** Circumference = 47.1 cm | **6)** Radius = 1.37 cm |
| **7)** Diameter = 2.26 cm |  |