

## Area and Circumference of a Circle

<b>(a)</b> Find the circumference of a circle with a diameter of 15 cm	<b>(b)</b> Find the area of a circle with a radius of 9 mm	<b>(c)</b> Find the area of a circle with a radius of 2.6 m	<b>(d)</b> Find the circumference of a circle with diameter of 60 mm
<b>(e)</b> Find the circumference of a circle with a radius of 7 cm	<b>(f)</b> Find the area of a circle with a diameter of 3.6 m	<b>(g)</b> Find the circumference of a circle with diameter 23.5 cm	<b>(h)</b> Find the area of a circle with diameter 17 cm
<b>(i)</b> Find the circumference of a bicycle wheel of radius 32 cm. Give your answer in metres.	<b>(j)</b> Find the area of a circular table top with diameter 1.05 m	<b>(k)</b> A circular track has a radius of 175 m. A cyclist travels around the track 20 times. Find the distance travelled to the nearest km.	<b>(l)</b> A circle fits exactly inside a square. The square has a perimeter of 40 cm. Find the area of the circle.
<b>(m)</b> Zak has a circular garden with a diameter of 6 m. He wants to put a fence around the outside of the garden. The fence costs £12.50 per metre. How much will the fence cost?		<b>(n)</b> Pete's Pizza sells a 12 inch diameter pizza for £9.50 and a 16 inch diameter pizza for £14.50. Which is better value for money?	