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| **Area and Circumference of a Circle** |
| **(a)** | **(b)** | **(c)** | **(d)** |
| Find the circumference of a circle with a diameter of 15 cm | Find the area of a circle with a radius of 9 mm | Find the area of a circle with a radius of 2.6 m | Find the circumference of a circle with diameter of 60 mm |
| **(e)** | **(f)** | **(g)** | **(h)** |
| Find the circumference of a circle with a radius of 7 cm | Find the area of a circle with a diameter of 3.6 m | Find the circumference of a circle with diameter 23.5 cm | Find the area of a circle with diameter 17 cm |
| **(i)** | **(j)** | **(k)** | **(l)** |
| Find the circumference of a bicycle wheel of radius 32 cm. Give your answer in metres. | Find the area of a circular table top with diameter 1.05 m | 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. | A circle fits exactly inside a square. The square has a perimeter of 40 cm. Find the area of the circle. |
| **(m)** | **(n)** |
| 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? | 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? |