Area and Circumference of a Circle

(a)	(b)	(c)	(d)
Find the circumference of a circle with a diameter of 15 cm $47.1\ cm$	Find the area of a circle with a radius of 9 mm $254.5\ mm^2$	Find the area of a circle with a radius of 2.6 m $21.2\ m^2$	Find the circumference of a circle with diameter of 60 mm $188.5\ mm$

(e)	(f)	(g)	(h)
Find the circumference of a circle with a radius of 7 cm $44.0\ cm$	Find the area of a circle with a diameter of 3.6 m $10.2\ m^2$	Find the circumference of a circle with diameter 23.5 cm $73.8\ cm$	Find the area of a circle with diameter 17 cm $227.0\ cm^2$

(i)	(j)	(k)	(l)
Find the circumference of a bicycle wheel of radius 32 cm. Give your answer in metres. $2.01\ m$	Find the area of a circular table top with diameter 1.05 m $0.87\ m^2$	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. $22\ km$	A circle fits exactly inside a square. The square has a perimeter of 40 cm. Find the area of the circle. $78.5\ cm^2$

(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? £235.62	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? 12 inch: 8.4p per square inch 16 inch: 7.2p per square inch 16 inch pizza is better value for money