

Match-Up

Circumference of a Circle

1	Find the circumference of a circle with a diameter of 36 cm , giving your answer to 1 decimal place.
2	Find the circumference of a circle with a radius of 7.5 cm , giving your answer to 1 decimal place.
3	Find the circumference of a bicycle wheel with a radius of 33 cm , giving your answer to 1 decimal place.
4	A wheel has a diameter of 62 cm . Find the circumference of the wheel to 1 decimal place.
5	The radius of the Earth is 6400 km . Find the circumference of the Earth, to the nearest 100 km .
6	The diameter of the Moon is 3480 km . Find the circumference of the Moon, to the nearest 100 km .
7	A coin has a diameter of 24 mm . Find the circumference of the coin to the nearest mm .
8	The radius of a button is 9 mm . Find the circumference of the button to the nearest mm .
9	Find the arc length of a semi-circle with diameter 47 cm , giving your answer to 1 decimal place.
10	Find the arc length of the quarter circle with radius 10 cm , giving your answer to 1 decimal place.
11	A bicycle wheel with diameter 65 cm rotates through 1245 full turns, How far in metres has the bicycle travelled?
12	The diameter of the London Eye is 120 m . Work out the distance travelled by a pod in five full revolutions, to the nearest metre.

A	40200 km
B	15.7 cm
C	47.1 cm
D	73.8 cm
E	75 mm
F	2541 m
G	113.1 cm
H	194.8 cm
I	10900 km
J	1884 m
K	57 mm
L	207.3 cm

1	2	3	4	5	6	7	8	9	10	11	12
G	C	L	H	A	I	E	K	D	B	F	J