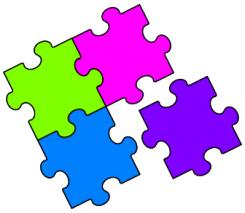
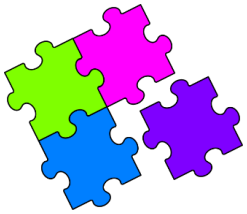


Match-Up



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