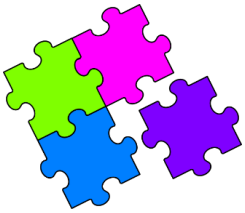
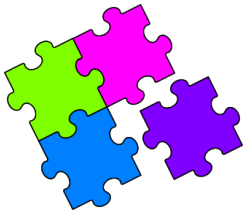


Match-Up



Speed, Distance and Time

1	A car travels 136 km in 2 hours. What is its average speed in km/h?
2	The school bus travels 18 km in 45 minutes. What is its average speed in km/h?
3	A marathon runner runs 40.5 km in 2 hours 15 minutes. What is his average speed in km/h?
4	A track cyclist takes 40 seconds to complete one 250 m lap of the velodrome. What is her speed in m/s?
5	A cement mixer travels from Leeds to Manchester in 1 hour 24 minutes, at an average speed of 54 km/h. Work out the distance travelled in km.
6	A plane travelled with an average speed of 273 km/h for 1 hour 20 minutes. Work out the distance travelled by the plane in km.
7	An antelope travels 124 metres in one minute. What is its speed in metres per second to 1 decimal place?
8	Darcy travels for 2 hours 30 minutes at 66 km/h, then for 1 hour 48 minutes at 80 km/h. Work out the total distance Darcy has travelled in km.
9	Fajar set off at 9.40am and drove until 10.55am, travelling a distance of 62.5 km. What is Fajar's average speed in km/h?
10	Convert a speed of 63 kilometres per hour into metres per second.
11	Convert a speed of 18 metres per second into kilometres per hour.
12	Abby travels at 52 km/h. Katy travels 200 km in 3 hours 24 minutes. What is the difference in their speeds to 1 decimal place?

A	18 km/h
B	309 km
C	17.5 m/s
D	64.8 km/h
E	68 km/h
F	75.6 km
G	6.8 km/h
H	364 km
I	24 km/h
J	2.1 m/s
K	50 km/h
L	6.25 m/s

1	2	3	4	5	6	7	8	9	10	11	12