

Name \_\_\_\_\_

# Speed, Distance, And Time

## Word problems (Average Speed Calculation)

1) A car travels 120 km in 2 hours, then 60 km in 1 hour. What is the car's average speed for the entire trip?  <b>60 km/h</b>	2) Sarah drives 150 km in 3 hours, then 100 km in 2 hours. What is her average speed for the trip?  <b>50 km/h</b>
3) A cyclist rides 40 km in 2 hours, then 30 km in 1.5 hours. What is the cyclist's average speed?  <b>20 km/h</b>	4) A bus covers 180 km in 3 hours, then 90 km in 2 hours. What is the bus's average speed for the entire journey?  <b>54 km/h</b>
5) John jogs 12 km in 1 hour and 8 km in 1.5 hours. What is his average speed?  <b>8 km/h</b>	6) A car travels 100 km at 50 km/h, then 200 km at 100 km/h. What is the average speed of the car for the entire journey?  <b>75 km/h</b>
7) A plane flies 600 km in 1.5 hours and then 800 km in 2 hours. What is the average speed of the plane?  <b>400 km/h</b>	8) A boat travels 50 km downstream in 2 hours, then 30 km upstream in 3 hours. Find the average speed of the boat for the entire trip.  <b>16 km/h</b>