

Velocity: Sample problems

1. How far will a jet travel in 1.0 minutes if its velocity is 360m/s?
2. You and a friend each drive 50 km. You travel at 90 km/h, and your friend at 95 km/h. How long will your friend wait for you at the end of the trip?
3. Ann is driving down the street at 55 km/h. Suddenly a child runs into the street. It takes Ann 0.75 s to react and apply the breaks. How many metres will she have moved before she begins to slow down?
4. You drive a car 2.0 h at 40 km/h, then 1.5 h at 60 km/h. What is your average speed?