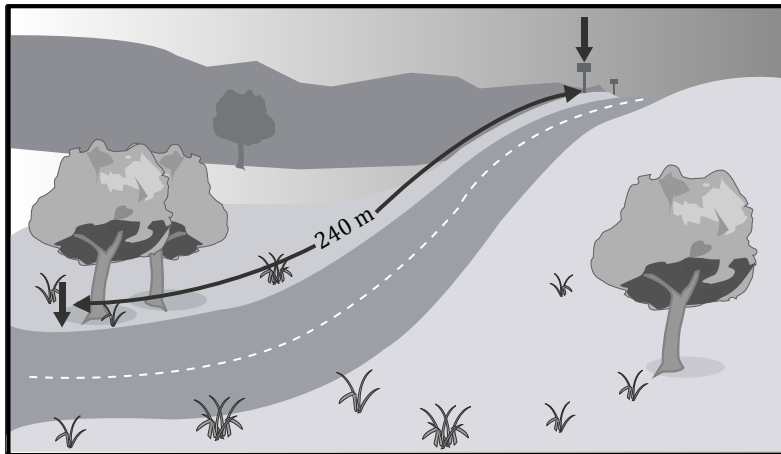


Making measurements from video clip

The video sequence shows a number of cars travelling along a road. The distance along the road from the camera operator to a distant lamppost is 240 m. Use a stop watch to make your own measurements of how long each vehicle takes to complete this journey. Record your results in the table below and calculate the average speed for each vehicle.

Reminder: $\text{average speed} = \frac{\text{distance travelled}}{\text{time taken}}$



Vehicle	Distance travelled / time	Time taken (seconds)	Calculated average speed / m/s

The speed limit for this road was 30 mph, or about 13 m/s.
 What do your results tell you about the vehicles in the video?