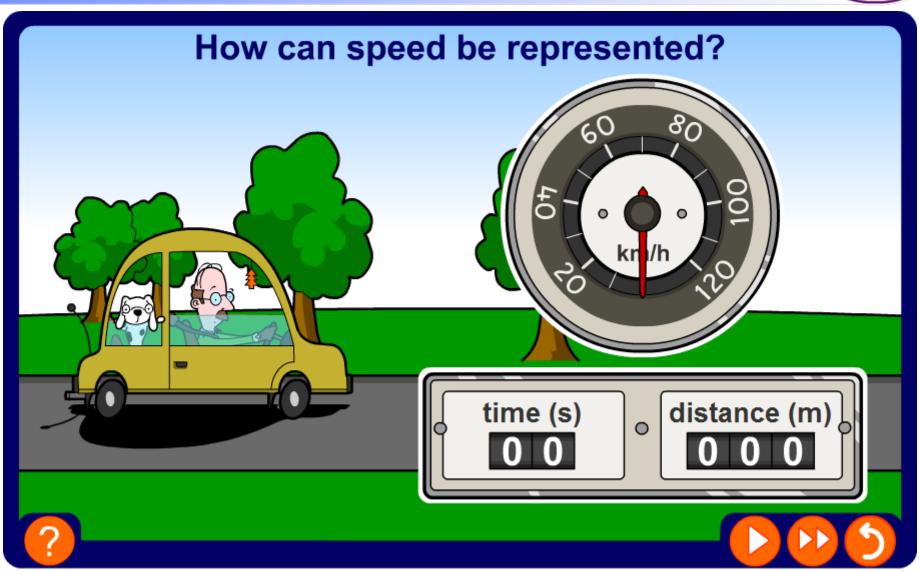


Car graphing activity – animation







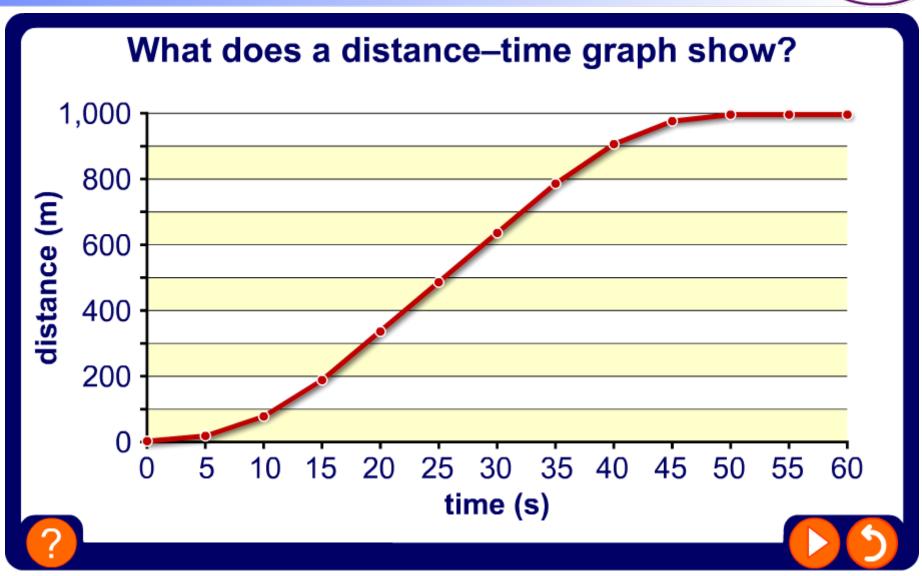




Distance—time graph











Calculating speed from the gradient



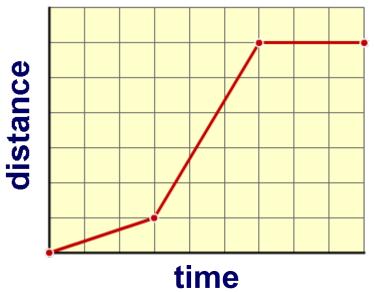
The slope of a graph is called the **gradient**.

The gradient of the line in a distance—time graph equals the speed.

It is difficult to calculate the gradient of 'realistic' graphs because the line is curved.

distance

Simple graphs use straight lines only, making it easy to calculate the gradient.



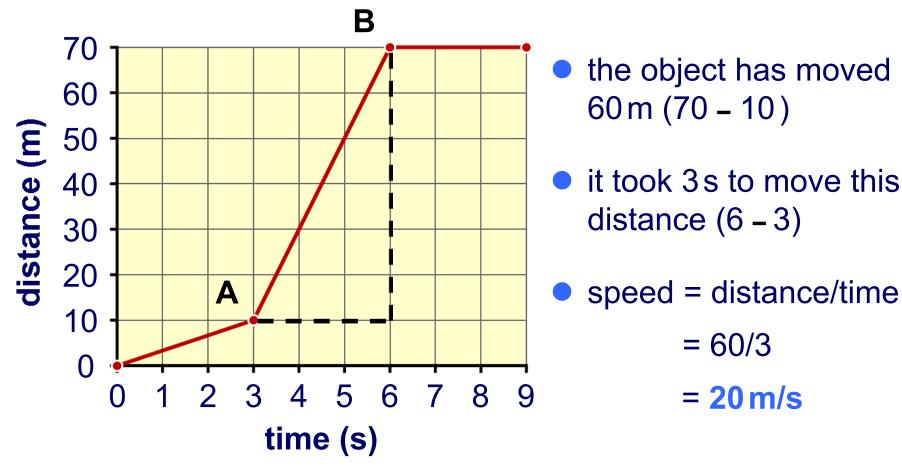




What's the speed?



What is the speed of the object between points **A** and **B**?



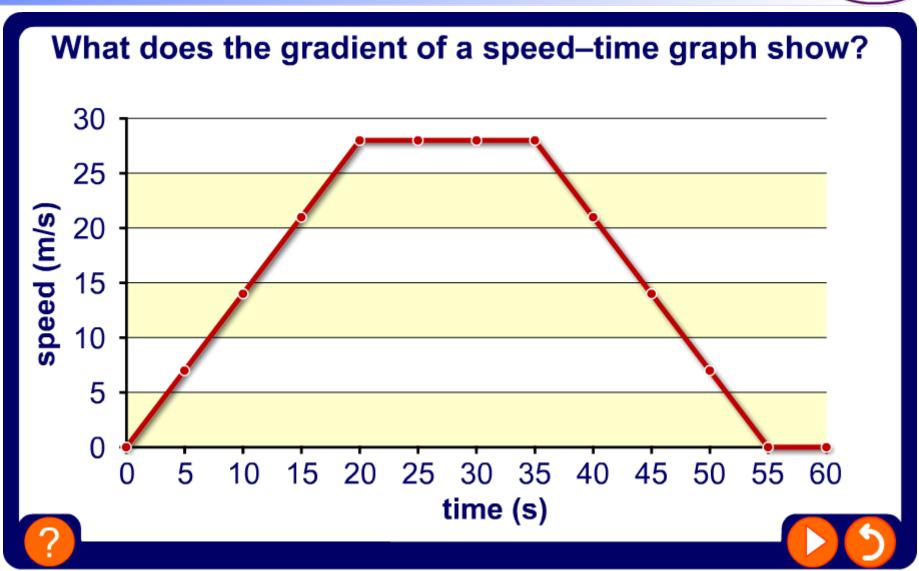




Speed-time graph









6 of 6