

Questions on the 'Calculating speed and Distance-Time graphs' video

1. What 2 things do we need to know to work out the speed at which an object is moving?

We need to know what \_\_\_\_\_ the object has travelled and  
the \_\_\_\_\_ it has taken to do so.

2. What to the following units mean?

a. m / s            This means \_\_\_\_\_

b. cm / y           This means \_\_\_\_\_

c. km / h           This means \_\_\_\_\_

3. If the line on a 'Distance-time' graph has a very steep gradient, what does this tell you about the SPEED the object is moving?

It tells me that the object is moving \_\_\_\_\_

4. What speed is an object moving at if the line on the graph is a flat one?

It tells me that the object is \_\_\_\_\_

5. On the graph with the red line, what is happening to the object between point C and point D?

The object is \_\_\_\_\_

\_\_\_\_\_

6. On the graph with the green line, what is happening to the object between:

a. Points A and B?

\_\_\_\_\_

b. Points B and C?

\_\_\_\_\_

c. Points C and D?

\_\_\_\_\_

d. Points D and E?

\_\_\_\_\_

e. Points E and F?

\_\_\_\_\_