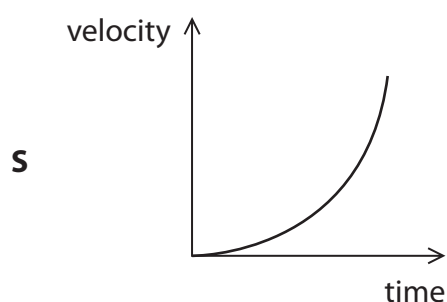
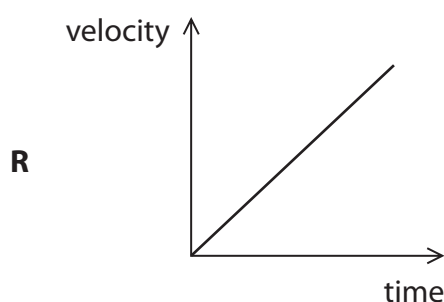
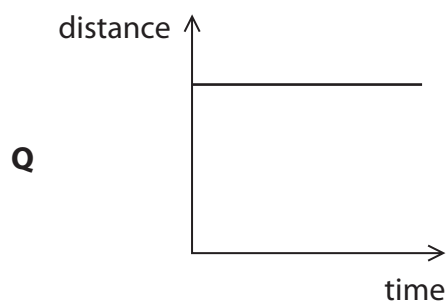
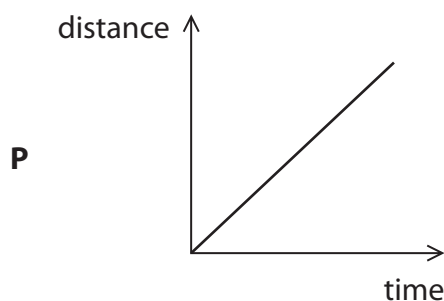


Answer ALL questions.

1 The motion of an object can be represented using graphs.

(a) The graphs, P, Q, R and S, show different types of motion.



The table lists some types of motion.

Place one tick (✓) in each row of the table to show which graph represents which type of motion.

(4)

Type of motion	Graph			
	P	Q	R	S
constant acceleration				
increasing acceleration				
moving at constant velocity				
stationary				

(b) State the feature of a velocity-time graph that can be used to determine the distance travelled by an object.

(1)

(Total for Question 1 = 5 marks)

