P9 - Motion

Question	Answer
Give the equation used to calculate speed	Speed = distance / time
Describe what a horizontal line indicates on a distance time graph	Object is stationary.
Describe what a straight line upwards indicates on a distance time graph	Travelling at a constant speed (object moving further away).
Describe what a straight line downwards indicates on a distance time graph	Travelling at a constant speed (object moving closer).
Describe what a curved line indicates on a distance time graph	Acceleration/deceleration.
Give the equation used to calculate acceleration	Acceleration = change in velocity / time
Define velocity	Vector quantity. Speed in a given direction.
Describe what a horizontal line indicates on a velocity time graph	Constant velocity.
Describe what a straight line upwards indicates on a velocity time graph	Constant acceleration.
Describe what a straight line downwards indicates on a velocity time graph	Constant deceleration.

P9 - Motion

Question	Answer
Give the equation used to calculate speed	
Describe what a horizontal line indicates on a distance time graph	
Describe what a straight line upwards indicates on a distance time graph	
Describe what a straight line downwards indicates on a distance time graph	
Describe what a curved line indicates on a distance time graph	
Give the equation used to calculate acceleration	
Define velocity	
Describe what a horizontal line indicates on a velocity time graph	
Describe what a straight line upwards indicates on a velocity time graph	
Describe what a straight line downwards indicates on a velocity time graph	