***Motion Bingo***

Reference point

d = s x t

s = d/t

t = d/s

distance

speed

time

instantaneous speed

constant speed

average speed

speedometer in car

cruise control in car

motion

yes

no

meters per second

meters

seconds

6 m/s

2 m/s

Reference point – you can use this to help determine if something moved even if you didn’t see it move

d = s x t – equation used to calculate how far something travels

s = d/t - equation used to calculate how fast something travels

t = d/s – equation used to calculate how long it takes something to travel

distance – a measure of how far something travels

speed – a measure of how much time it takes an object to move a distance

time – a measure of how long something is in motion

instantaneous speed – how fast something is moving at each moment in time

constant speed – speed stays the same for a period of time

average speed – total distance divided by total time

speedometer in car – tool used to determine a car’s instantaneous speed

cruise control in car – tool used to go a constant speed

motion – can be described as a change in position

yes – is Mrs. Nicolai awesome?

no – can you sneeze with your eyes open?

meters per second – this is the SI unit of measurement for speed

meters – this is the SI unit of measurement for distance

seconds – this is the SI unit of measurement for time

6 m/s – how fast are you traveling if you covered 12 meters in 2 seconds?

2 m/s – how fast are you traveling if you covered 6 meters in 3 seconds?