Name _____ period _____

6th Grade Do Now

SCI.6.8C Calculate average speed using distance and time measurements.

Monday Date _____

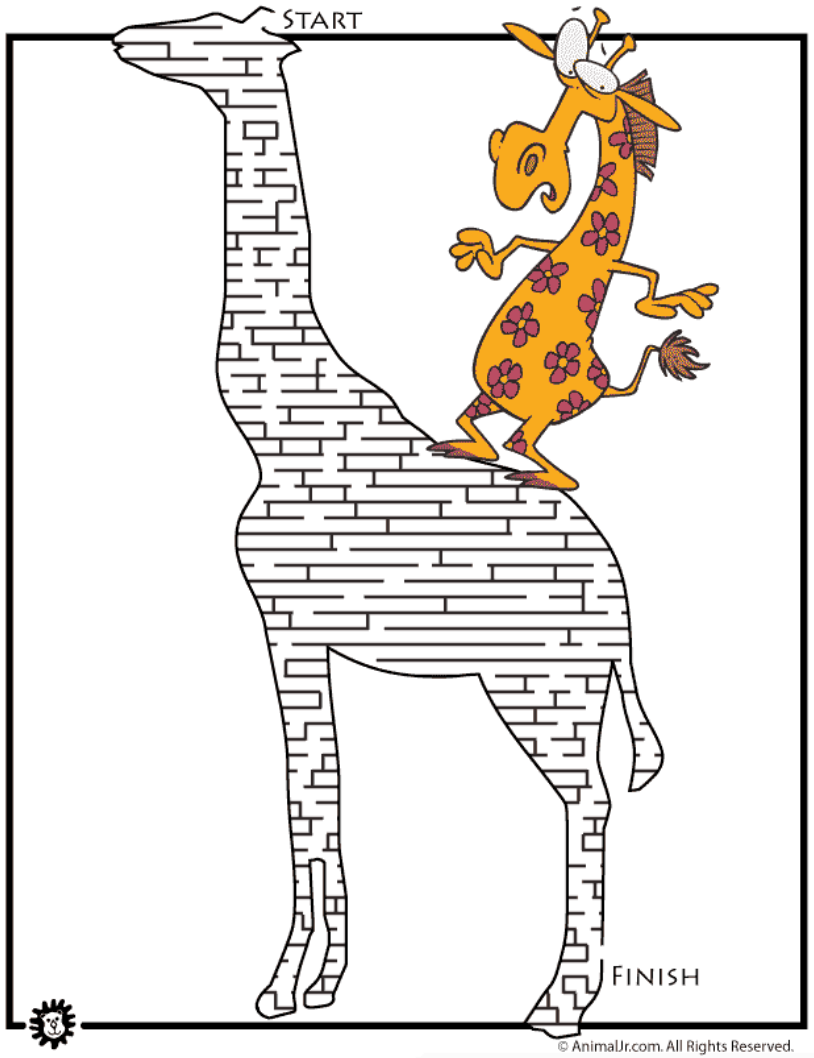
What unit is used to measure distance?

A. Seconds
B. Meters
C. Newtons
D. Liters

Tuesday Date _____

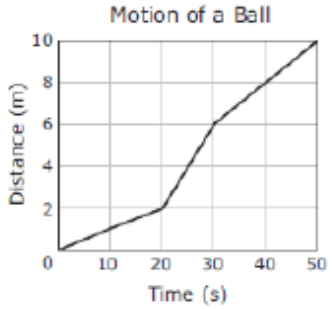
A bus travels 20 km in 30 minutes. What is the average speed of the bus?

A. 20 km/h
B. 30 km/h
C. 40 km/h
D. 50 km/h



Wednesday Date _____

The graph below shows the motion of a ball rolling on a straight track.

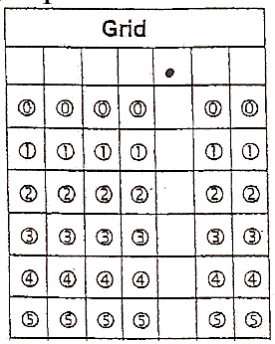


What was the ball's average speed during the time represented in the graph?

A. 0.2 m/s
B. 0.5 m/s
C. 5.0 m/s
10.0 m/s

Thursday Date _____

A student walks 2 km in 30 minutes. What is the student's average speed in km/h?



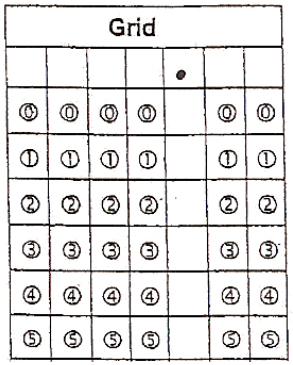
Friday Date _____

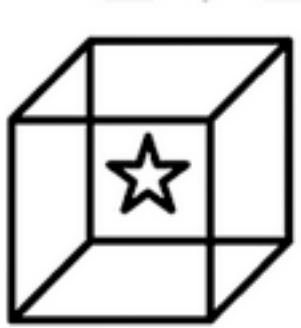
Some students were investigating the speed of a toy car they build. They performed two trials and recorded the data in the table below.

Toy-Car Trials

Trial 1		Trial 2	
Time (s)	Distance (m)	Time (s)	Distance (m)
4.0	5.6	5.0	7.0

What was the average speed of the toy car during the two trials to the nearest tenth of m/s?





Which side of the box is the star on? Is it in the front or on the back of the box? Is is suspended in the middle?