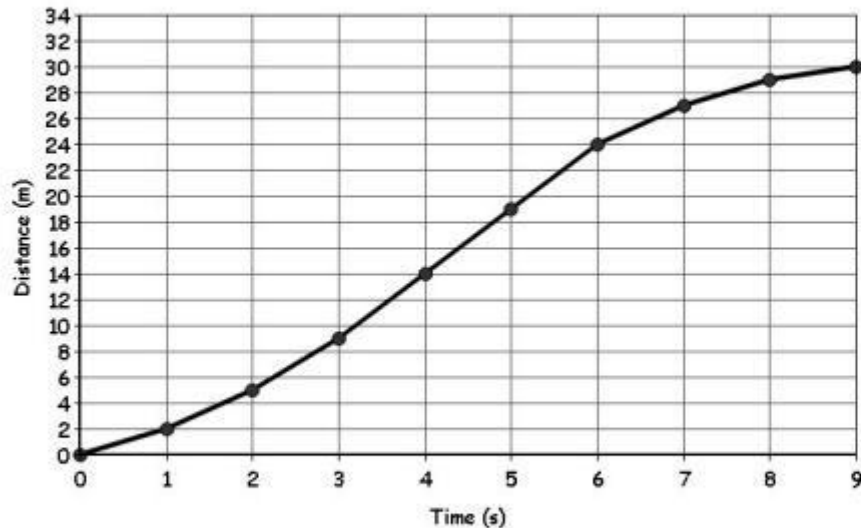


Track Race Graph

Name: _____

Track Race



Finish the data table from this graph information. Then answer the questions:

1. What was the average speed of this runner? **SHOW YOUR WORK AND INCLUDE UNITS!!!**

Total Distance = _____ Total Time = _____

Speed = _____

2. From _____ s to _____ s the runner was running at a constant speed.
3. From _____ s to _____ s, the runner was positively accelerating (speeding up).
4. From _____ s to _____ s, the runner was negatively accelerating (decelerating – slowing down).
5. What was the runner's speed from 3 s to 6 s? **SHOW YOUR WORK AND INCLUDE UNITS!!!**
(Hint: First you need to figure out the total distance the runner went during that time and figure out the amount of time that passed from 3 to 6 seconds!)

TIME (s)	DISTANCE (m)
0	0
1	
2	
3	
4	
5	
6	
7	
8	
9	