Track Race Graph
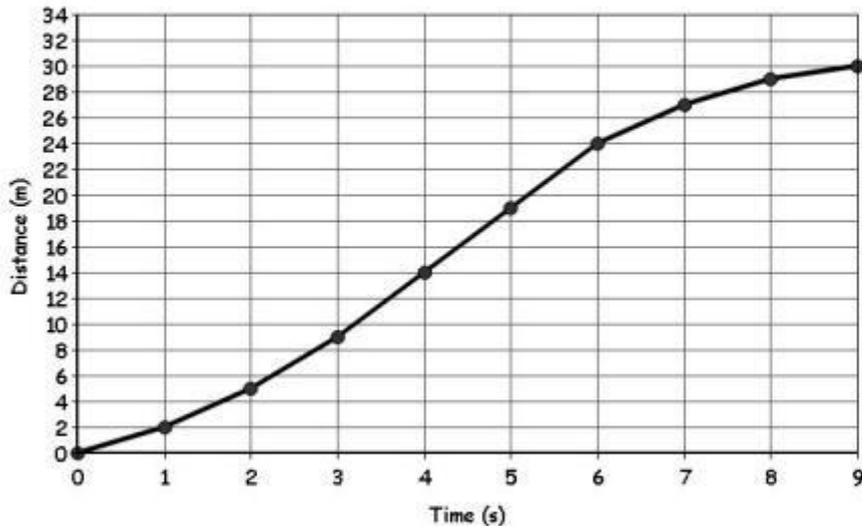
Name: _____

Track Race

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

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

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!)