Distance-Velocity-Time graphs Mr. Stewart

Physical Science November, 2012

1. What is Dave’s speed?
2. What is Laura’s speed?
3. How long would it take to run 100 meters?
4. How far did Steve go?
5. How long does it take Susan to drive 20 km?
6. Distance vs Time – What is the speed in the 1st 20 seconds?
7. Distance vs Time – How far is the object from the start after 60 seconds?
8. Distance vs Time – What is the speed in the last 40 seconds?
9. Distance vs Time – When was the object travelling the fastest?
10. How is speed measured?
11. What is the difference between speed and velocity?
12. What is acceleration?
13. What is the cyclists acceleration?
14. How much did the ball’s velocity increase by?
15. How long did it take for the car to accelerate to 20 m/s?
16. What is the acceleration of the rocket?
17. How fast was the object going after 10 seconds?
18. What is the acceleration from 20 to 30 seconds?
19. What was the deceleration from 30 to 50 seconds?
20. How far did the object travel altogether?