



1. Calculate the acceleration during the first 3 seconds.

2. Calculate the acceleration between 6 and 12 seconds.

3. At what time(s) did the object's direction change?

4. Calculate the distance traveled during the first 8 seconds.

5. Calculate the distance traveled during the final 6 seconds.

6. Calculate the distance traveled west.

7. Calculate the average speed for the full 20 seconds.

8. Calculate the average velocity for the full 20 seconds.