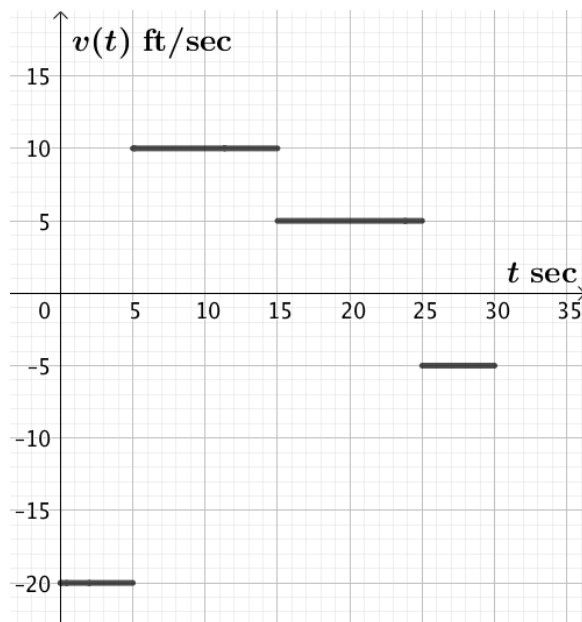


1. Describe three different perspectives of the concept of “vector”; The physics student, computer science student and mathematics student perspectives.
2. An object moves along the x axis. Its velocity is positive if it moves to the right. It's velocity is negative if it moves to the left. At time $t = 0$ the object is at the origin. The graph below shows the velocity of the object during 30 seconds of motion. What is the displacement of the object at the end of 30 seconds?



3. Below is the graph of the speed of the object during 30 seconds of motion. What is the total distance the object moved at the end of 30 seconds?

