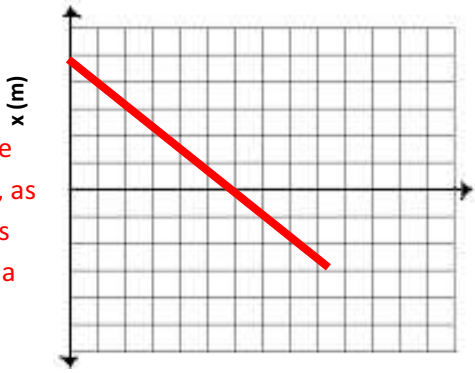


Constant Velocity Take Home “Quiz”

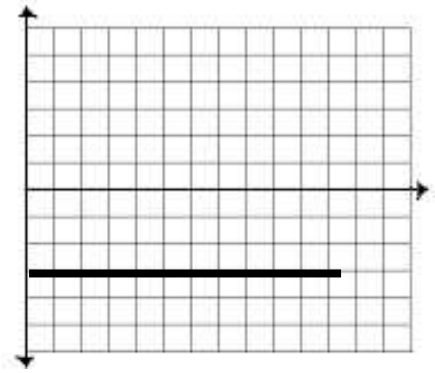
Name: KEY

x-t Graph

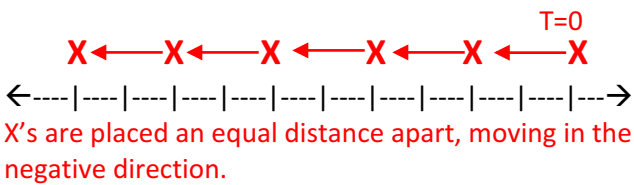


Line can be anywhere, as long as it is moving in a negative direction.

v-t Graph



Motion Diagram

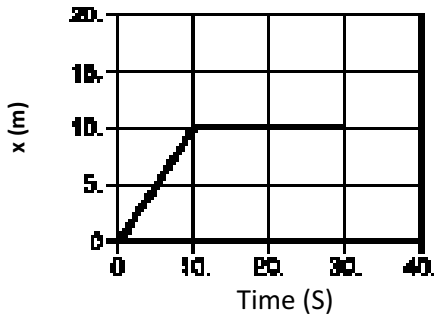


Words

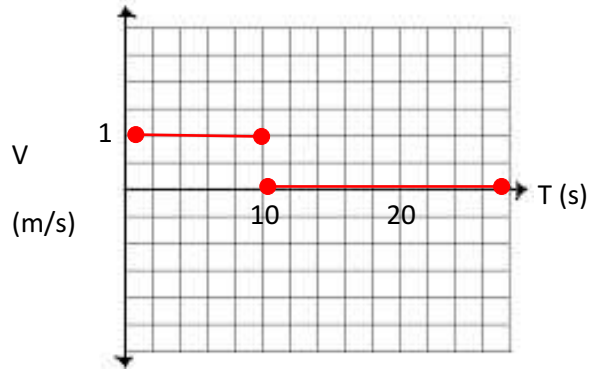
Constant negative velocity.

Motion 2

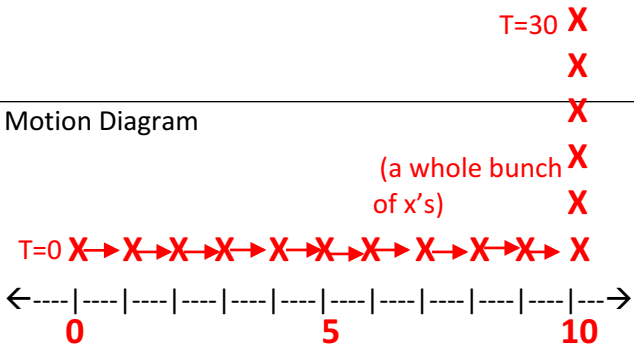
x-t Graph



v-t Graph



Motion Diagram

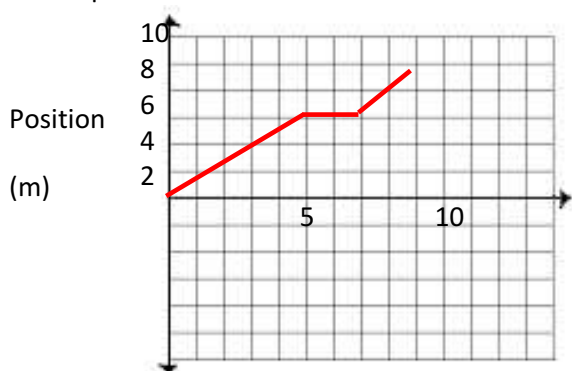


Words

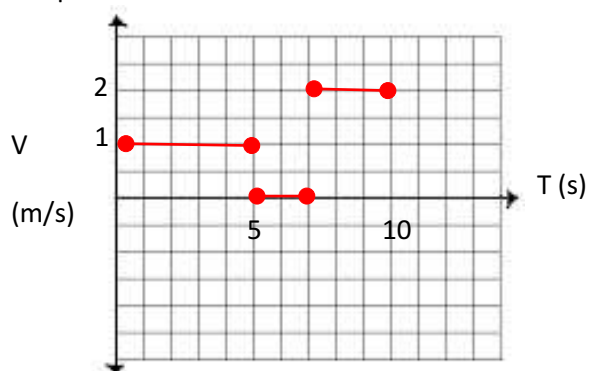
Object travels at a constant velocity of 1 m/s for 10 seconds starting at zero. Then it stops at the 10 m position for 20 seconds.

Motion 3

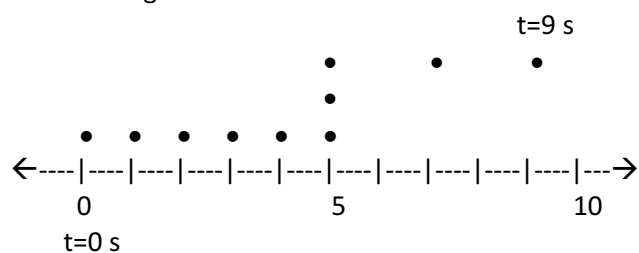
x-t Graph



v-t Graph



Motion Diagram

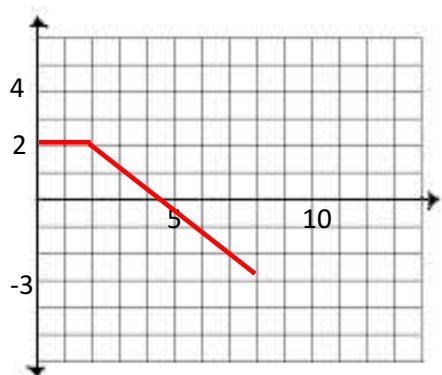


Words

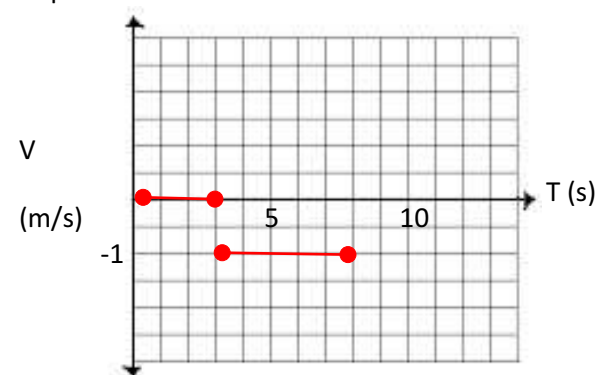
Object moves forward at a constant velocity of 1 m/s for 5 seconds starting at zero. Then it stops for 2 seconds at 5 m. Then it moves forward again at a constant velocity of 2 m/s for 2 seconds.

Motion 4

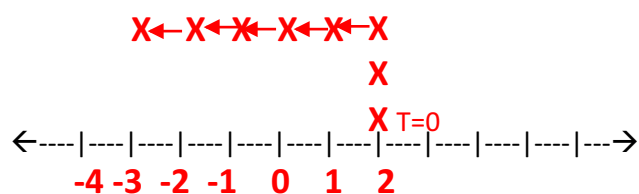
x-t Graph



v-t Graph



Motion Diagram



Words

John sits at position 2 m for 3 seconds and then goes backward at a rate of 1 m/s for 5 seconds.