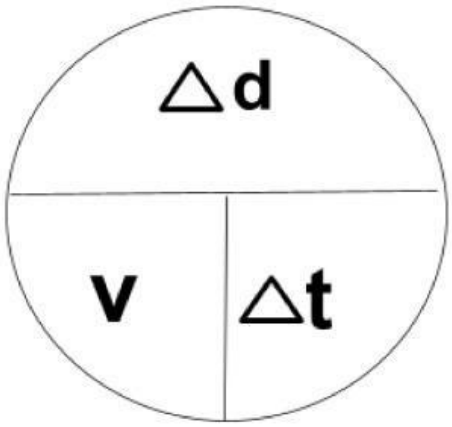
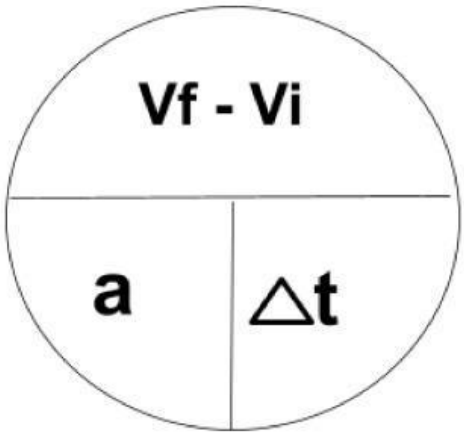


What is the correct equation for velocity?

What is the correct equation for distance traveled?
(i.e. change in position)

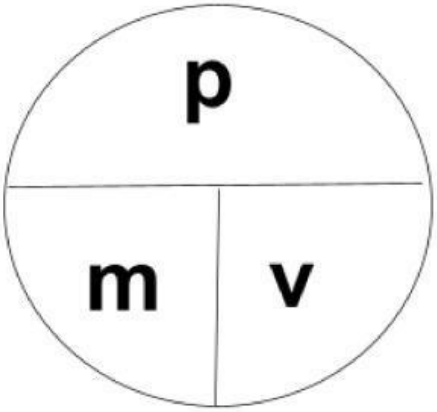
What is the correct equation for change in time?



What is the correct equation for Change in velocity?

What is the correct equation for acceleration?

What is the correct equation for change in time?

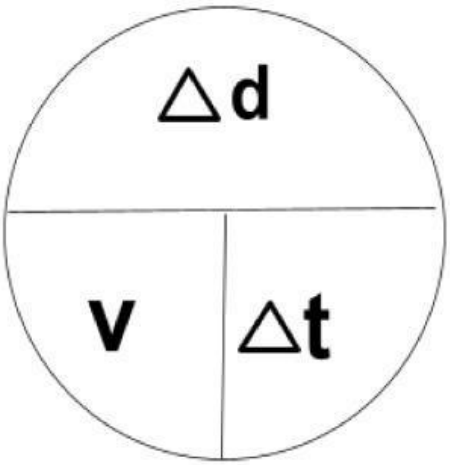


What is the correct equation for momentum?

What is the correct equation for mass?

What is the correct equation for velocity?

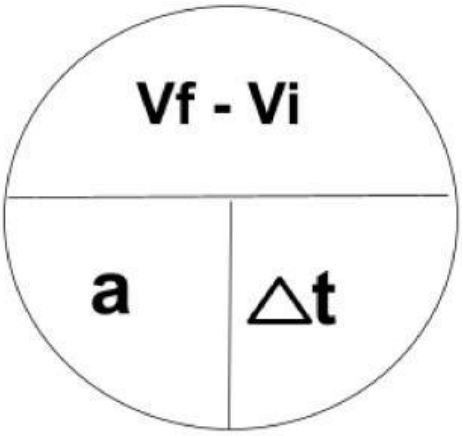
LIVEWORKSHEETS



1. An object travels North at a speed of 7.5 m/s for 10 seconds. What distance did the object travel?

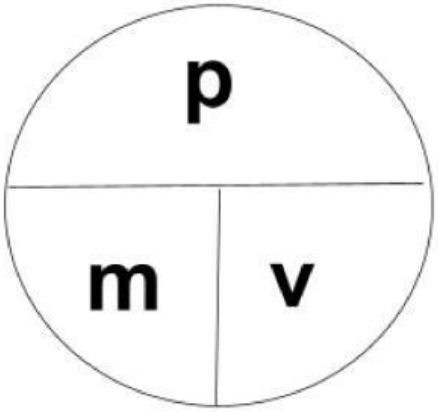
2. An object travels 30 meters in 15 seconds. What is the speed of the object?

3. An object travels at a speed of 50 m/s for 400 meters. How long did it take the object to travel this far?



4. An object initially starts at a speed of 1 m/s North and gradually speeds up to reach a speed of 10 m/s North. If it takes the object 3 seconds to do this, what is the object's acceleration?

5. An object is dropped from rest and accelerates at 10 m/s/s downwards. If the object fell for 5 seconds before hitting the ground, what was the final velocity at this point?



6. What is the momentum of an athlete that has a mass of 75 kg and is moving at 5 m/s to the right?

7. A car has a momentum of 75,000 kg*miles/hr to the right. If the car has a mass of 1500 kg, what was the car's velocity?

LIVEWORKSHEETS