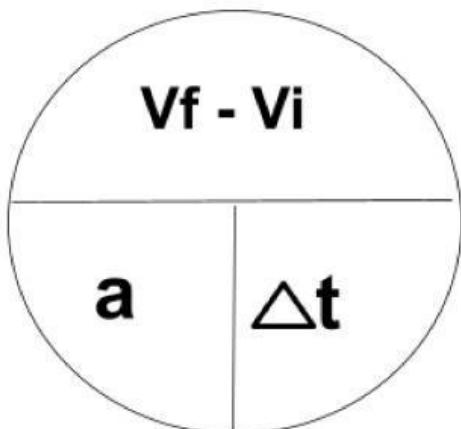


What is the correct equation for velocity?

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

What is the correct equation for change in time?

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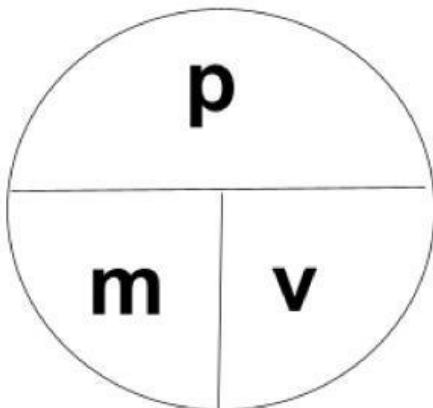


What is the correct equation for Change in velocity?

What is the correct equation for acceleration?

What is the correct equation for change in time?

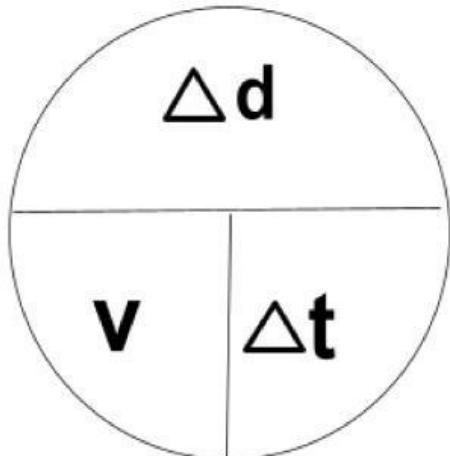
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What is the correct equation for momentum?

What is the correct equation for mass?

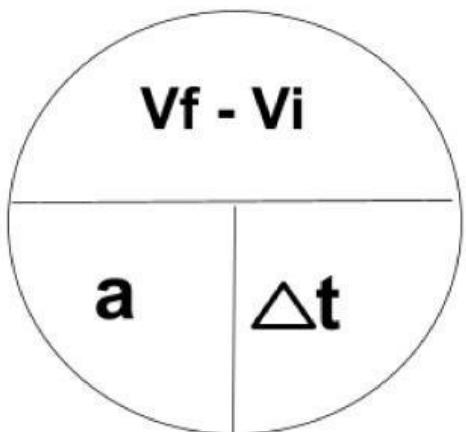
What is the correct equation for velocity?



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

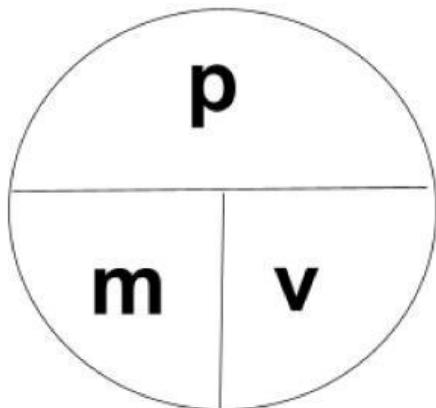
2. An object travels 30 meters in 15 seconds. What is the speed of the object?

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?