

**Your shopping cart has a mass of 65 kilograms. In order to accelerate the shopping cart down an aisle at 0.30 m/s<sup>2</sup> What force would you need to use or apply to the cart. I don't know how to solve this**

**Answer 1**

Answer: Justin ! Justin !! You're in high school Physics. You've done Newton's Laws until you saw them in your sleep. When the wind rustles through the trees, you almost hear it whispering to you "F = M A". Now is the time to use that ! M=65kg. A=0.3m/s<sup>2</sup>. F = (65)(0.3)=19.5 newtons.

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