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PHYS 211X
Lab 2: Acceleration and Force, 2/7/2023, Partners: Maite Valentin-Lugo, Seth Waln

Part 1: Speeding Up

1.

$$\vec{a} = \frac{d\vec{v}}{dt} \tag{1}$$

Acceleration is the derivative of velocity; the rate if change of the

2.

3.

4.

If the initial mass is doubled, the acceleration will be doubled.

5.

Part : loing Don

6.

The acceleration could be negative.

1 .

The acceleration could be doubled if the weight is doubled.