

**Answer on Question #72863-Physics-Other**

How do you find  $a$  when the cart needs to stop in a distance  $d$  and  $u$  is given the distance  $d$  and mass

**Answer**

We also need the initial speed  $v$ .

$$a = \frac{v^2}{2d}$$

How do you find current and resistance when given amount of charge  $Q$ , time  $t$  and voltage  $V$

**Answer**

Current is

$$I = \frac{Q}{t}$$

The resistance is

$$R = \frac{U}{I}$$

How do you find frequency when given the length of the string  $L$  and the weight of the harmonic  $T$

**Answer**

We also need the mass of the string  $m$ .

The frequency is

$$f = \frac{1}{2L} \sqrt{\frac{T}{m}}$$

Answer provided by <https://www.AssignmentExpert.com>