Friday, November 9 , 2018

BELL WORK → On next slide.

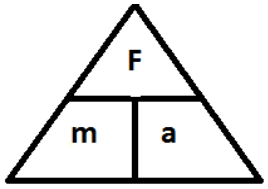
Content Objective WHAT → Students will demonstrate application of Newton's 1st and 2nd Law of Motion using a stations review and quiz.

Language Objective HOW → Students will write to answer questions related to Newton's 1st and 2nd Law of motion using complete sentences, CER and GUESS method on a stations review and quiz.

Exit Pass → Turn in your quiz

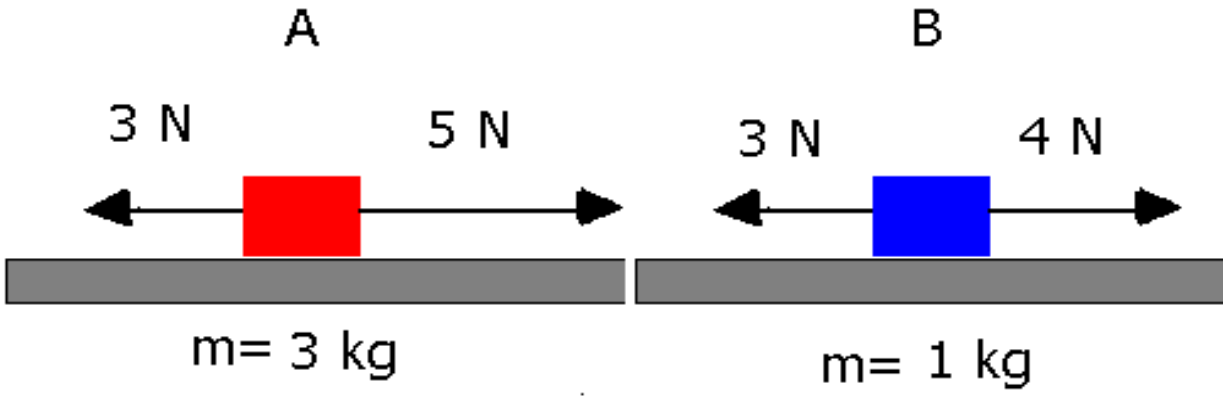
$$a = \frac{F}{m}$$

BELL WORK 11/8



F = Force
m = mass
a = acceleration

Find the <u>acceleration</u> of both the block in diagram A and the block in diagram B.



NEWTON'S 2ND LAW OF MOTION DIAGRAMS

A large 40 kg crate is at rest level ground. Two people push on the crate. One pushes left with 100 N while the other pushes right with 200 N.

1. Draw the free body diagram assuming there is no friction.

2. Find the acceleration and direction of acceleration for the crate.

Exit ticket-Quiz
11/9

$a=f/m$

Quiz:

Newton's 2nd law –relationship

Newton's 2nd law-Equation

Free-body Diagram

Terminal Velocity