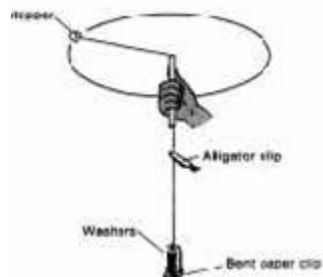
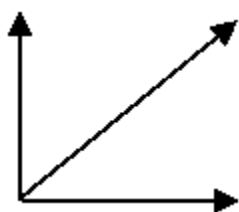


Topic: [Combining Forces](#) | [Vector Worksheet](#)



[Vector Addition Lab](#) - Counts for Next Quarter [Centripetal Force Lab](#)

Tuesday	10/28	1
----------------	--------------	----------

Quiz on forces next week

Test - Freefall / Projectiles/Circular Motion

HW: Review Book p. 37) 43, 45, 46, 53, 54 p. 72) 126 (F_{net} 0 & 180°) [PH](#)

Wednesday	10/29	2
------------------	--------------	----------

[Combining Vectors Worksheet](#) 24

Lesson: [Equilibrium](#)

HW: Review Book p. 37) 41, 42, 47, 48 p. 67) 76 - 79 (angle not 0, 180) [PH](#)

Thursday	10/30	3
-----------------	--------------	----------

Lesson - [Resolution of Forces](#)

(Finding the horizontal & Vertical Components of a Force)

1) **HW** - Draw and Calculate the resultants for the following forces acting concurrently at 90 degrees Use the scale 1.0 N = 1 cm **Find their resultant & equilibrant** 2.0 N North & 5.0 N East , 1.0 N North & 10. N East , 6.0 N North & 2.0 N East, 3 N North & 6 N East , 5.0 N North & 7.0 N East, 7.0 N North & 6.0 N East , 1.0 N North & 3 N East, 10. N North & 6.0 N East **** LABEL ALL FORCES**

Friday	10/31	4x
---------------	--------------	-----------

Quarter 1 Ends / All Saints Day / 30 min periods

Lesson - [Free Body Diagrams](#)

HW - Test Wizard - Motion in a Plane Quiz - Due Sunday Night

HW - a) (24) [Centripetal Force Lab](#) - p. 3 - 4 of lab

b) page 1 [Resultants Lab](#)

Monday	11/03	5
---------------	--------------	----------

Lesson - [3 Laws of Motion](#) - 1st and 2nd Law

HW: Finish [Vector Review 1](#) ****** | [Self Evaluation](#)