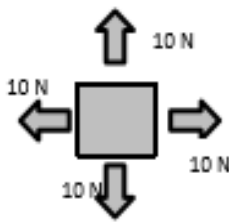
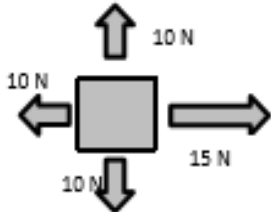


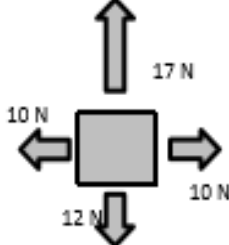
Name _____ Date _____ per _____

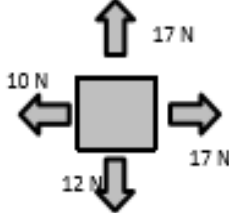
PRACTICE SHEET: Balanced / Unbalanced Forces

DIRECTIONS: Draw the NET FORCE ARROWS next to the drawings if the net force is greater than zero. Answer the questions

OBJECT IS AT REST ORIGINALLY	
1. 	NET HORIZONTAL FORCE = Balanced / Unbalanced (circle one) What, if anything, does this do to the objects horizontal motion? NET VERTICAL FORCE = Balanced / Unbalanced (circle one) What, if anything, does this do to the objects vertical motion?

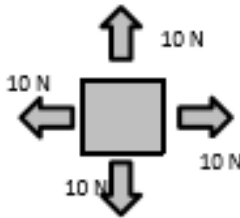
OBJECT IS AT REST ORIGINALLY	
2. 	NET HORIZONTAL FORCE = Balanced / Unbalanced (circle one) What, if anything, does this do to the objects horizontal motion? NET VERTICAL FORCE = Balanced / Unbalanced (circle one) What, if anything, does this do to the objects vertical motion?

OBJECT IS AT REST ORIGINALLY	
3. 	NET HORIZONTAL FORCE = Balanced / Unbalanced (circle one) What, if anything, does this do to the objects horizontal motion? NET VERTICAL FORCE = Balanced / Unbalanced (circle one) What, if anything, does this do to the objects vertical motion?

OBJECT IS AT REST ORIGINALLY	
4. 	NET HORIZONTAL FORCE = Balanced / Unbalanced (circle one) What, if anything, does this do to the objects horizontal motion? NET VERTICAL FORCE = Balanced / Unbalanced (circle one) What, if anything, does this do to the objects vertical motion? What do you think the overall motion of this object would be like? (What would its path be?)

OBJECT IS ALREADY MOVING at a constant speed TO THE RIGHT BEFORE THESE FORCES ARE APPLIED

5.



NET HORIZONTAL FORCE =

Balanced / Unbalanced (circle one)

What, if anything, does this do to the objects horizontal motion?

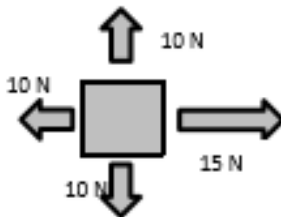
NET VERTICAL FORCE =

Balanced / Unbalanced (circle one)

What, if anything, does this do to the objects vertical motion?

OBJECT IS ALREADY MOVING at a constant speed TO THE RIGHT BEFORE THESE FORCES ARE APPLIED

6.



NET HORIZONTAL FORCE =

Balanced / Unbalanced (circle one)

What, if anything, does this do to the objects horizontal motion?

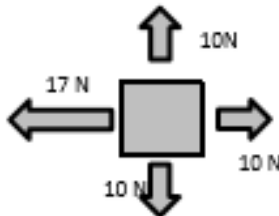
NET VERTICAL FORCE =

Balanced / Unbalanced (circle one)

What, if anything, does this do to the objects vertical motion?

OBJECT IS ALREADY MOVING at a constant speed TO THE RIGHT BEFORE THESE FORCES ARE APPLIED

7.



NET HORIZONTAL FORCE =

Balanced / Unbalanced (circle one)

What, if anything, does this do to the objects horizontal motion?

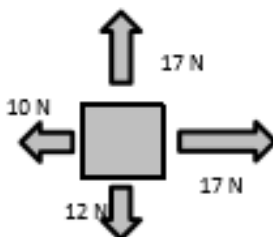
NET VERTICAL FORCE =

Balanced / Unbalanced (circle one)

What, if anything, does this do to the objects vertical motion?

OBJECT IS ALREADY MOVING at a constant speed TO THE RIGHT BEFORE THESE FORCES ARE APPLIED

8.



NET HORIZONTAL FORCE =

Balanced / Unbalanced (circle one)

What, if anything, does this do to the objects horizontal motion?

NET VERTICAL FORCE =

Balanced / Unbalanced (circle one)

What, if anything, does this do to the objects vertical motion?