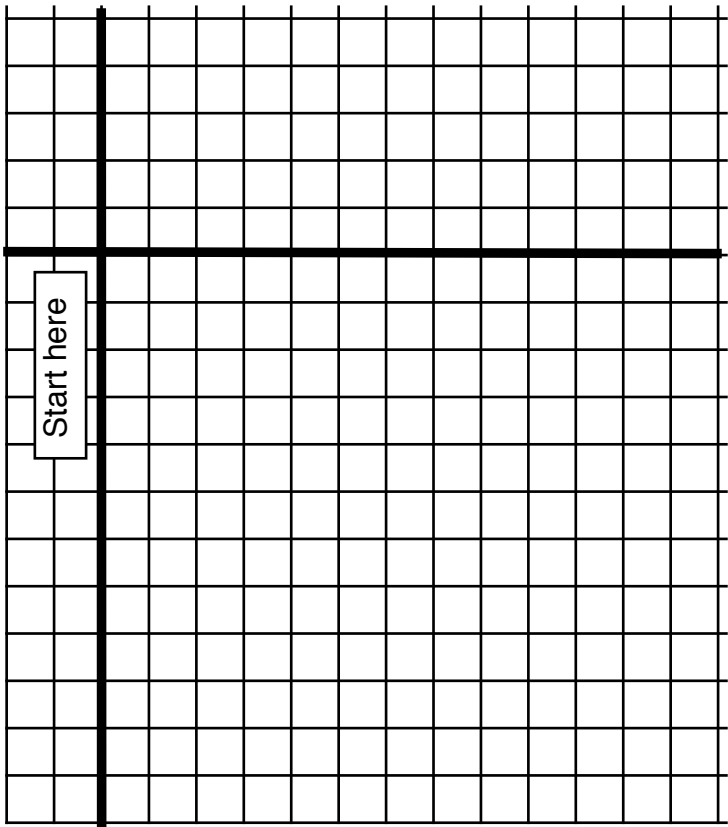
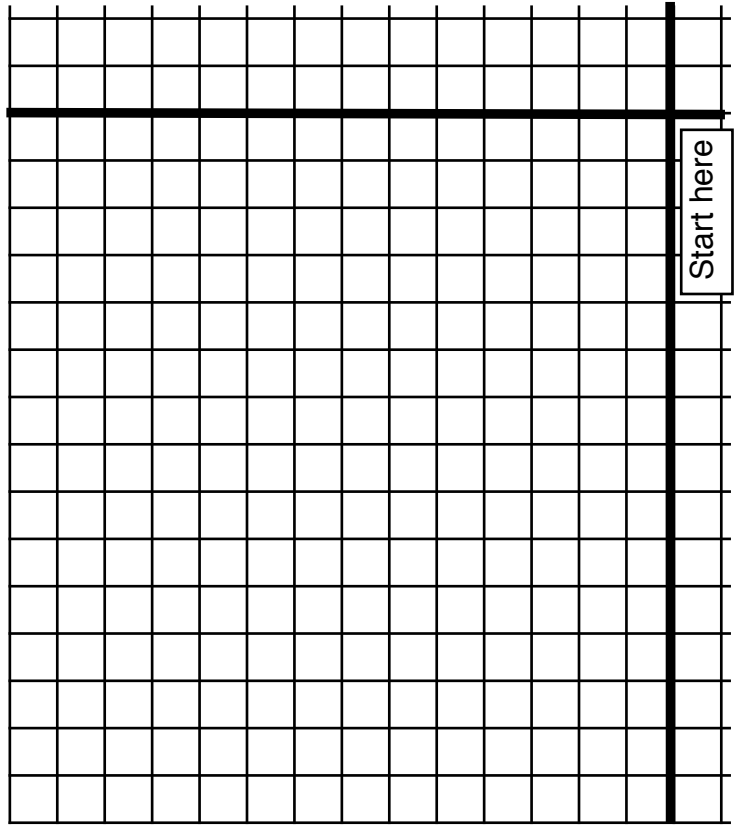


3.) Maverick walks **45ft east**, then **110ft south**, then **160ft 60° N of E**. Construct these vectors below and show the overall displacement vector ( $\Delta x$ ) in a different color. (scale 1cm = 20ft)



4.) **80N** acts on an object from the right. At the same time **200N** acts down on the object. At the same time a force of **170N** acts on the object at an angle of **70° ALH**. (scale: 1 cm = 20N)



5.) Add or subtract the vectors using the following equation:  $4A + \frac{1}{3}B + 5C - 2D$

Show the result in a different color and properly describe it here: \_\_\_\_\_

This is a map view and the scale is 1 cm = 10 N

