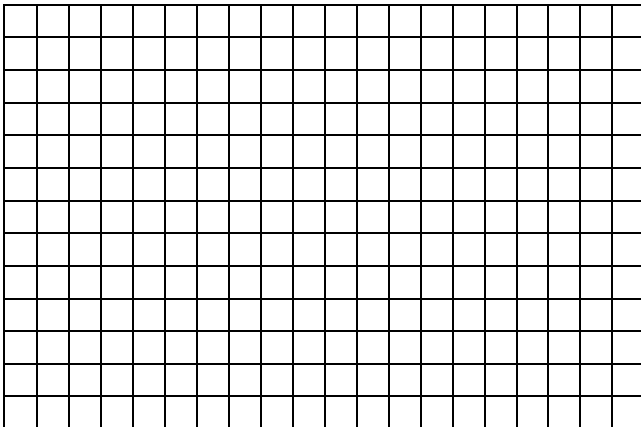
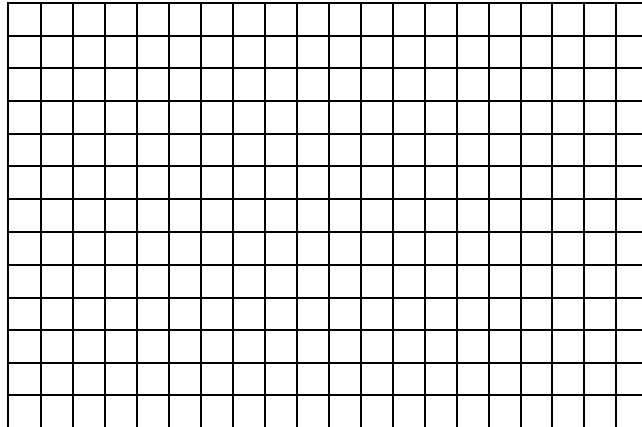


3. Calculate the components of a resultant vector of 804 units, 17° W of S.

4. A person can row a boat 6.93 km/h in still water. If the person rows directly west across a river that flows north at 5.00 km/h, what is the magnitude and direction of the resultant velocity?

Use the head-to-tail method to solve the following:

1. A car travels 150 km east before turning and traveling 275 km north. What is the car's displacement?



2. A student walks 15 paces West then 7 paces South then 8 paces East and finally 5 paces North. What is the resultant from the start to the finish?