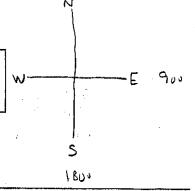


270"



Bearing is the number of degrees clockwise that an object is heading from due North

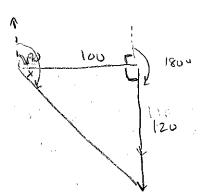
1) Draw an object that's moving on a bearing of a) 40° b) 160° c) 200°

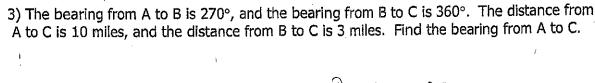


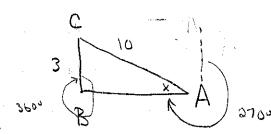
1600



2) A plane travels 100 miles on a bearing of 90°, and then turns and travels 120 miles on a bearing 180°. Find the bearing from where the plane started to where it ended.



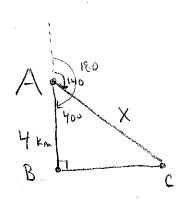




Bearing: 270 + x

$$\sin x = \frac{3}{10}
 \quad x = 17.4580$$

4) The bearing from A to B is 180°, the bearing from B to C is 90°, and the bearing from A to C is 140°. If AB= 4 km, then AC=?



$$X = \frac{4}{V_{05}V_{00}} = \frac{5.222}{5.222} \text{ km}$$

5) A boat travels for 42 miles on a bearing of 125°, then turns and travels 15 miles on a bearing of 215°. What's the bearing from where the boat started to where it ended?

