

FOLLOWING A COURSE WITH 2 DIRECTIONS BY DRAWING CALCULATIONS

Name: _____

Q1. A cross country course consists of the start S and then a 4km path on a bearing of 030° to reach checkpoint B. The runners then change direction and run 3km on a bearing of 120° to reach checkpoint C. They then run directly back to S. What is the bearing of S from C and how far is it from C to S?

Q2. An airplane flies from A to B a distance of 120 km on a bearing of 200° . It then changes direction and flies 120km on a bearing of 110° to reach C. What bearing should the plane fly on to return directly from C to A? What is the distance CA?