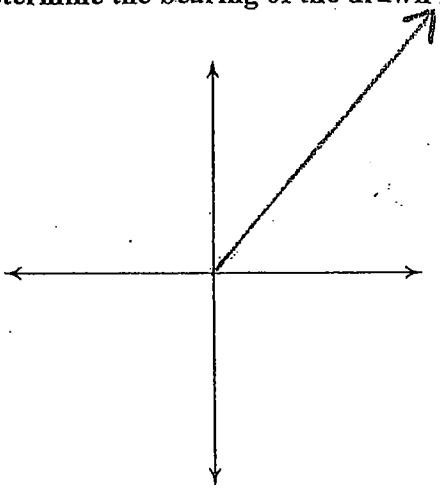
AW 10 5.1

Name_____

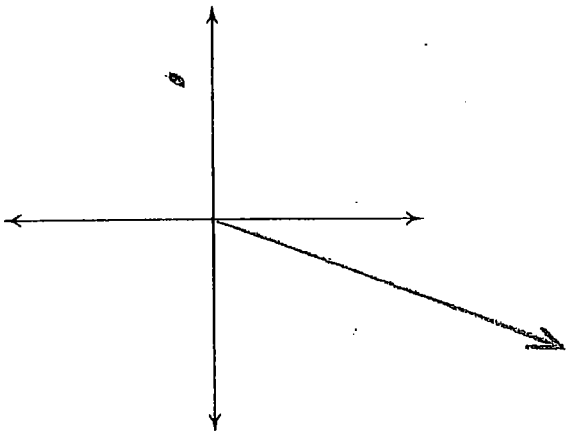
Bearings and Bisectors

Determine the bearing of the drawn ray

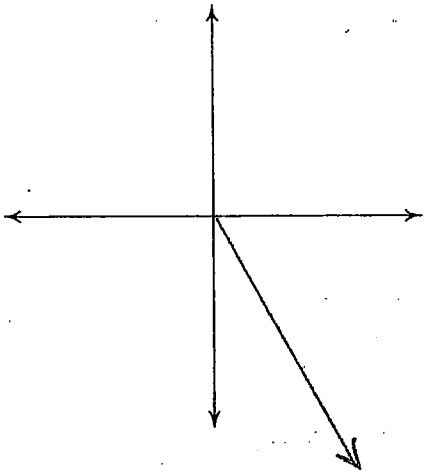
1)



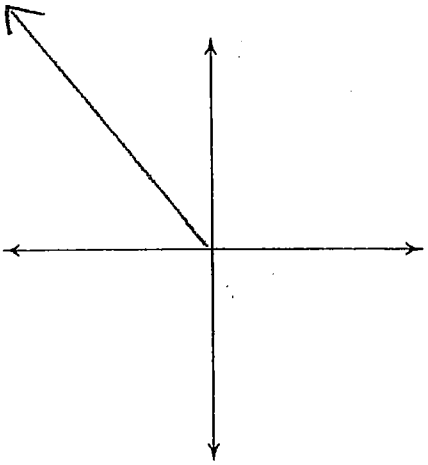
2)



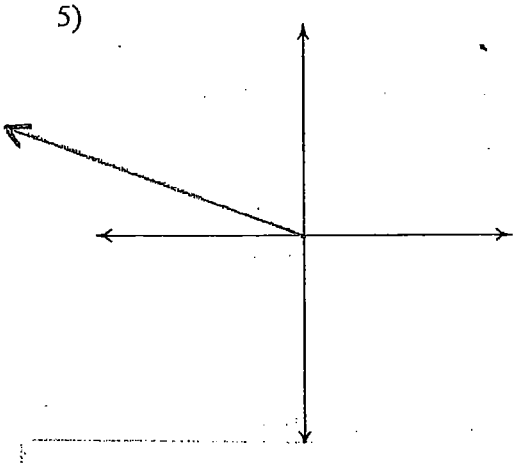
3)



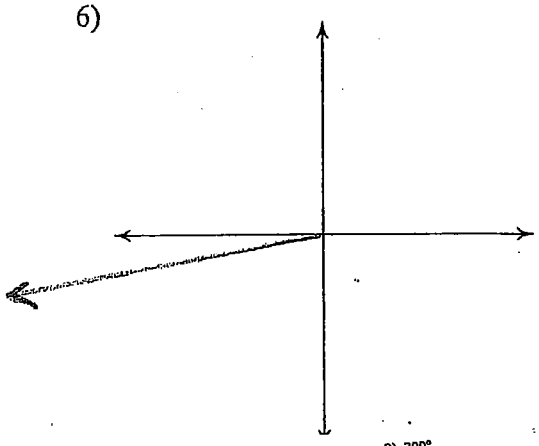
4)



5)

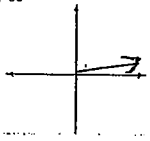


6)

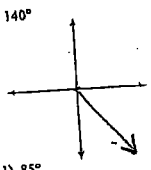


Answers to Bearings and Bisectors

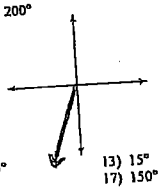
1) 40°
2) 110°
3) 150°
4) 320°
5) 290°
6) 260°
7) 80°



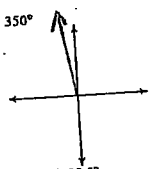
8) 140°



9) 200°



10) 350°



11) 85°
15) 30°
19) 300°

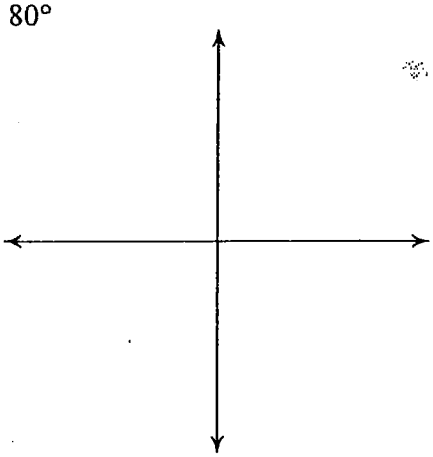
12) 109.5°
16) 120°
20) 210°

13) 15°
17) 150°

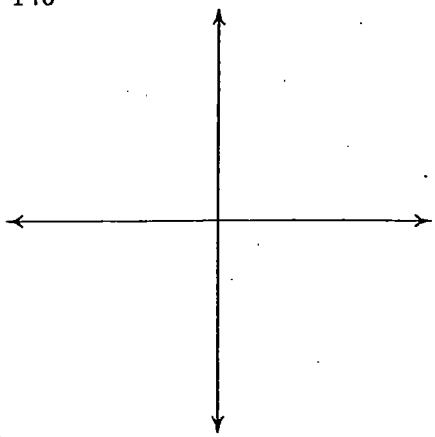
14) 20.5°
18) 90°

Draw a ray with the given bearing

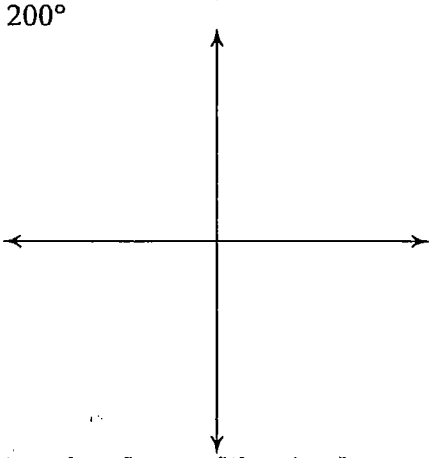
7) 80°



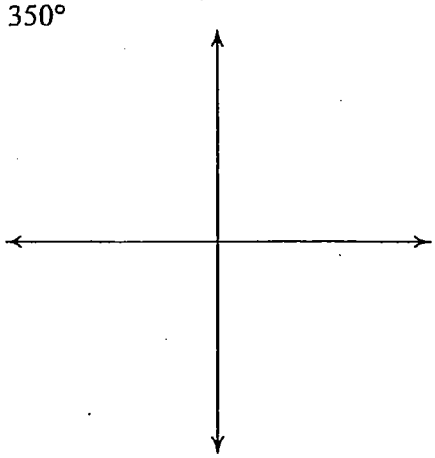
8) 140°



9) 200°



10) 350°



Determine the resulting Angles

11) A 170° angle is bisected.

12) A 219° angle is bisected.

13) A 60° angle is divided into 4 eaual parts.

14) A 82° angle is divided into 4 eaual parts.

15) The angle between the hands of a clock at 1:00.

16) The angle between the hands of a clock at 4:00.

17) The angle between the hands of a clock at 7:00.

18) The angle between the hands of a clock at 9:00.

Determine the resulting Angles. Give your answer as a reflex angle (greater than 180°)

19) The angle between the hands of a clock at 2:00.

20) The angle between the hands of a clock at 7:00.