

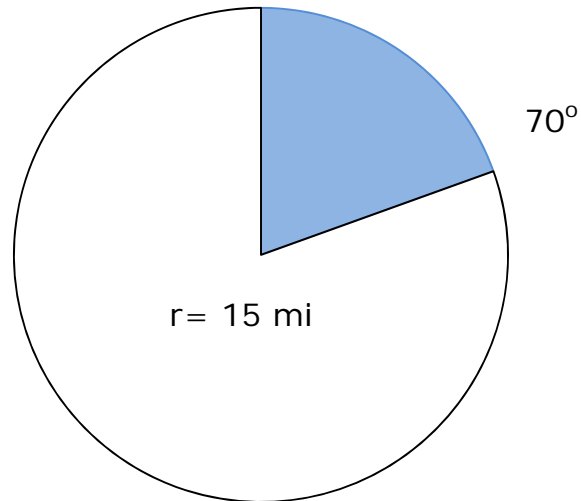
Name _____

Date _____

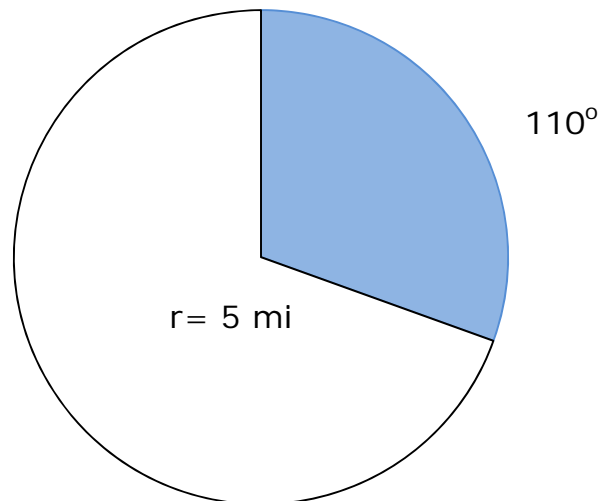
Area of Sectors of A Circle Problems - Independent Practice Worksheet

Complete all the problems.

1) The radius of circle is 15 miles. What is the area of a sector bounded by a 70° arc?



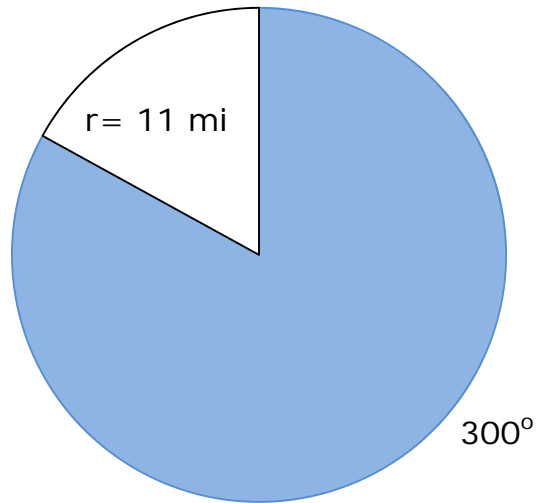
2) The radius of circle is 5 miles. What is the area of a sector bounded by a 110° arc?



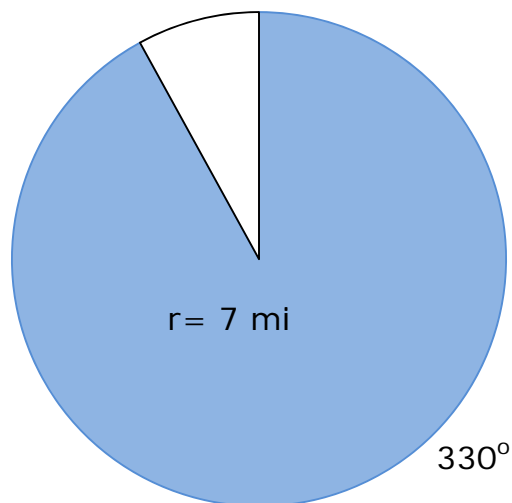
Name _____

Date _____

3) The radius of circle is 11 miles. What is the area of a sector bounded by a 300° arc?



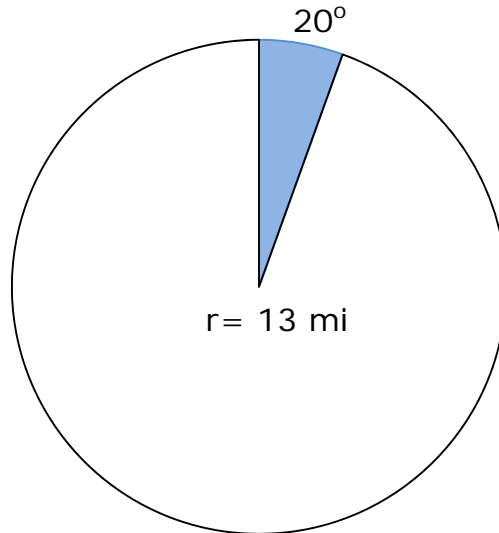
4) The radius of circle is 7 miles. What is the area of a sector bounded by a 330° arc?



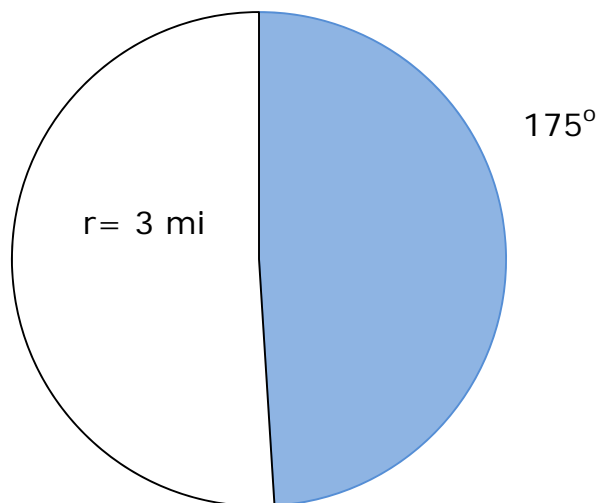
Name _____

Date _____

5) The radius of circle is 13 miles. What is the area of a sector bounded by a 20° arc?



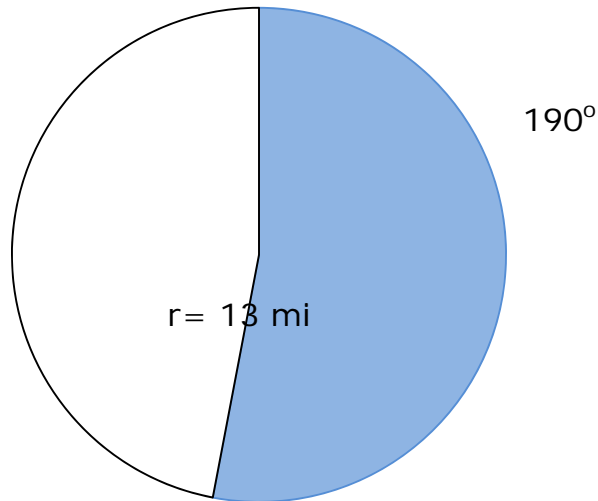
6) The radius of circle is 3 miles. What is the area of a sector bounded by a 175° arc?



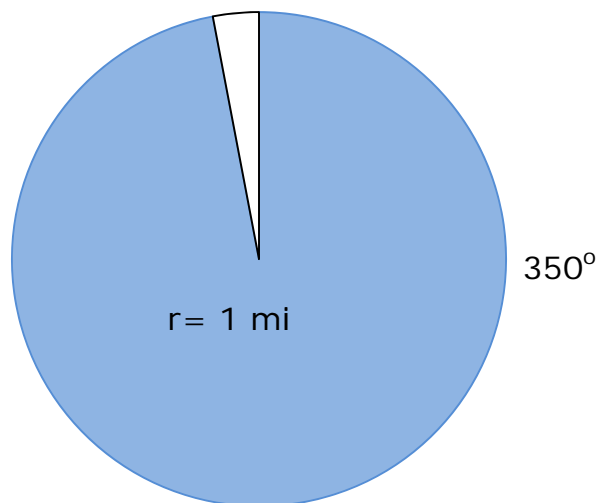
Name _____

Date _____

7) The radius of circle is 13 miles. What is the area of a sector bounded by a 190° arc?



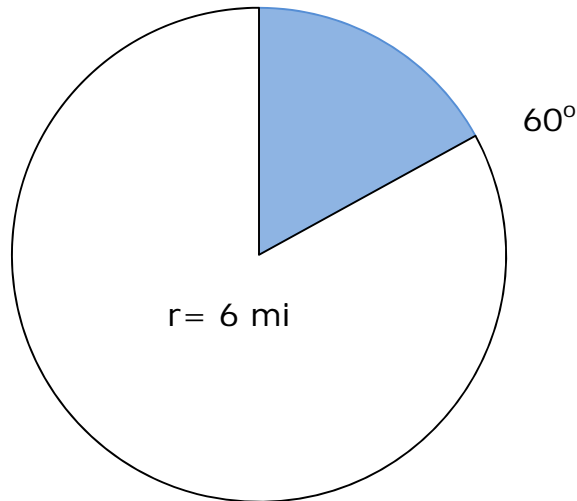
8) The radius of circle is 1 miles. What is the area of a sector bounded by a 350° arc?



Name _____

Date _____

9) The radius of circle is 6 miles. What is the area of a sector bounded by a 60° arc?



10) The radius of circle is 14 miles. What is the area of a sector bounded by a 50° arc?

