

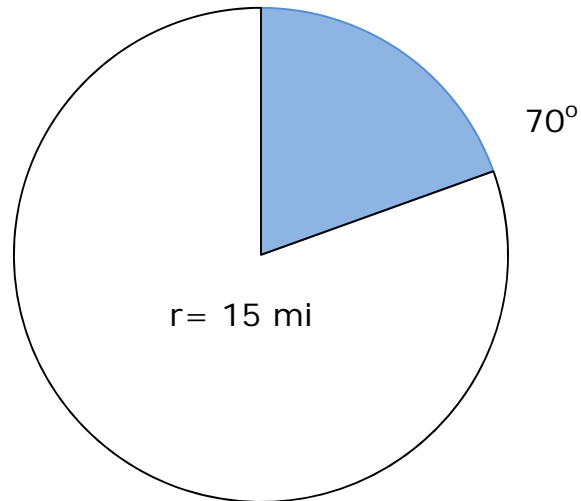
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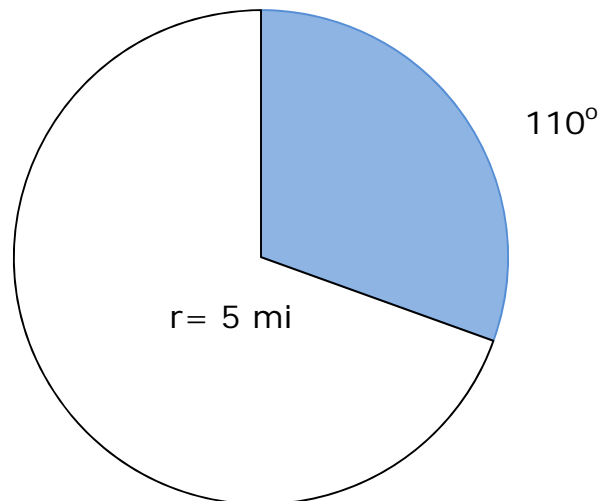
Area of Sectors of A Circle Problems - Independent Practice Worksheet

Complete all the problems.

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



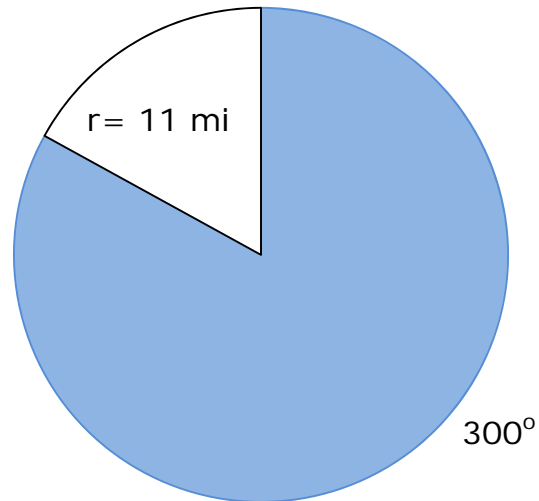
- 2) The radius of circle is 5 miles. What is the area of a sector bounded by a 110° arc?



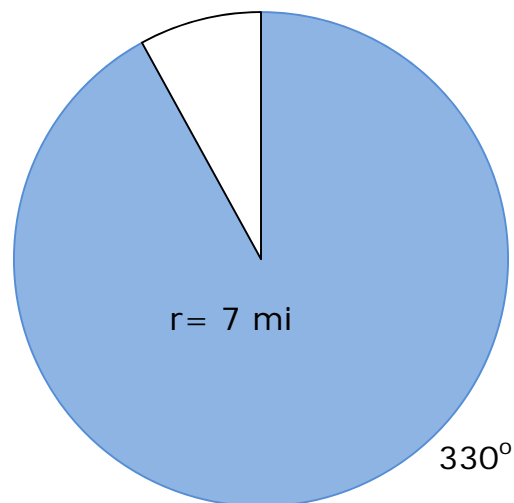
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3) The radius of circle is 11 miles. What is the area of a sector bounded by a 300° arc?



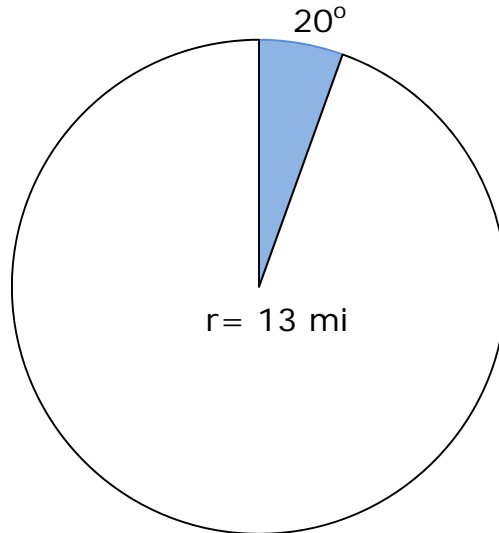
4) The radius of circle is 7 miles. What is the area of a sector bounded by a 330° arc?



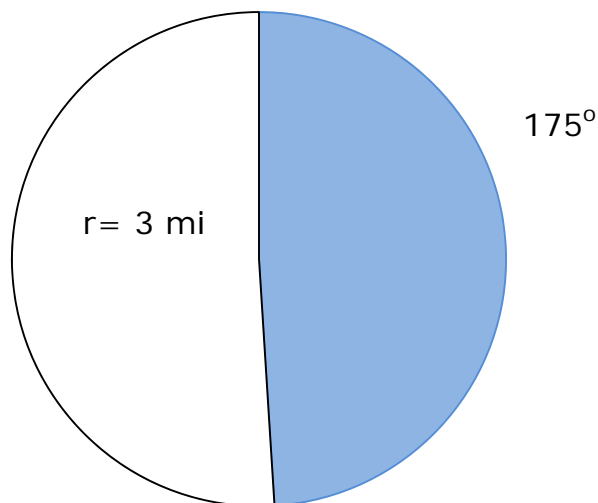
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5) The radius of circle is 13 miles. What is the area of a sector bounded by a 20° arc?



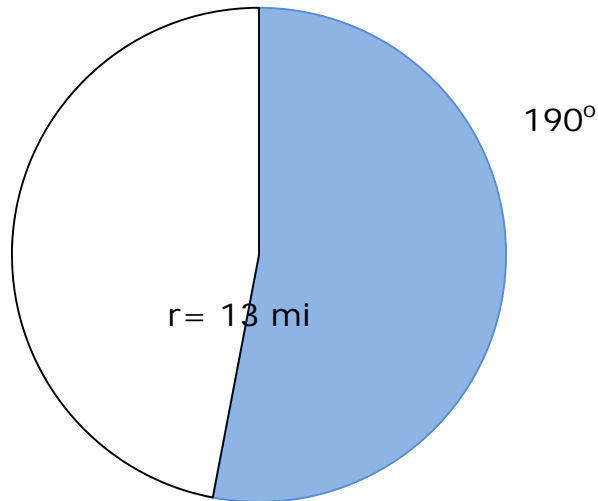
6) The radius of circle is 3 miles. What is the area of a sector bounded by a 175° arc?



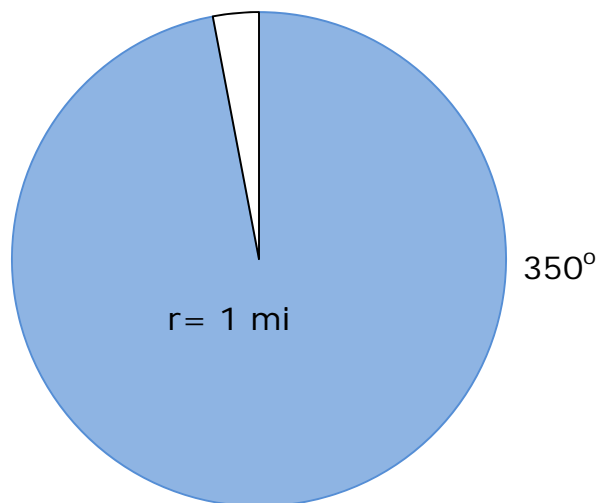
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7) The radius of circle is 13 miles. What is the area of a sector bounded by a 190° arc?



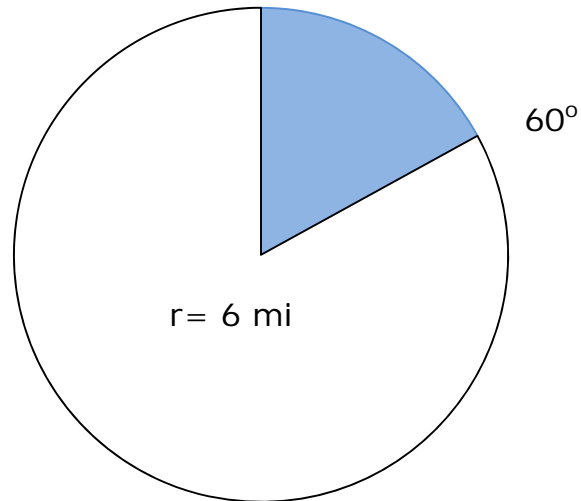
8) The radius of circle is 1 miles. What is the area of a sector bounded by a 350° arc?



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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?

