

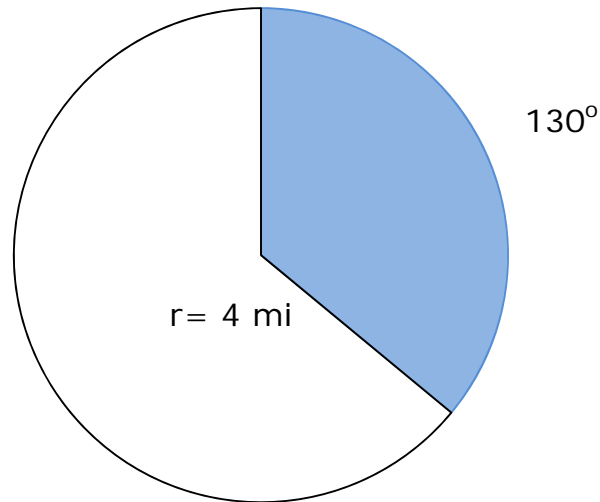
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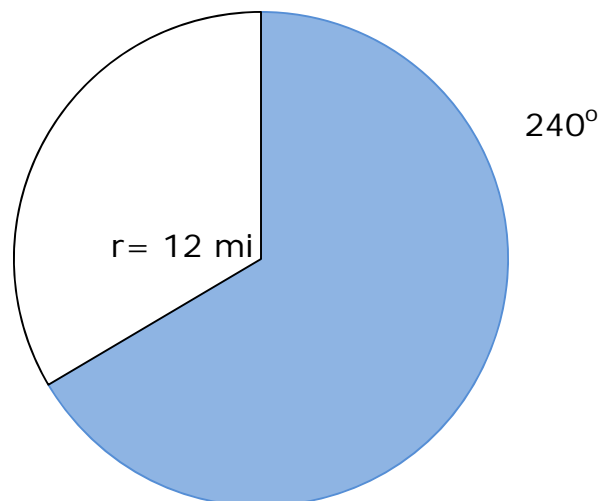
### Area of Sectors of A Circle Problems - Guided Lesson

Complete the following problems:

- 1) The radius of circle is 4 miles. What is the area of a sector bounded by a  $130^\circ$  arc?



- 2) The radius of circle is 12 miles. What is the area of a sector bounded by a  $240^\circ$  arc?



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3) The radius of circle is 9 miles. What is the area of a sector bounded by a  $30^\circ$  arc?

