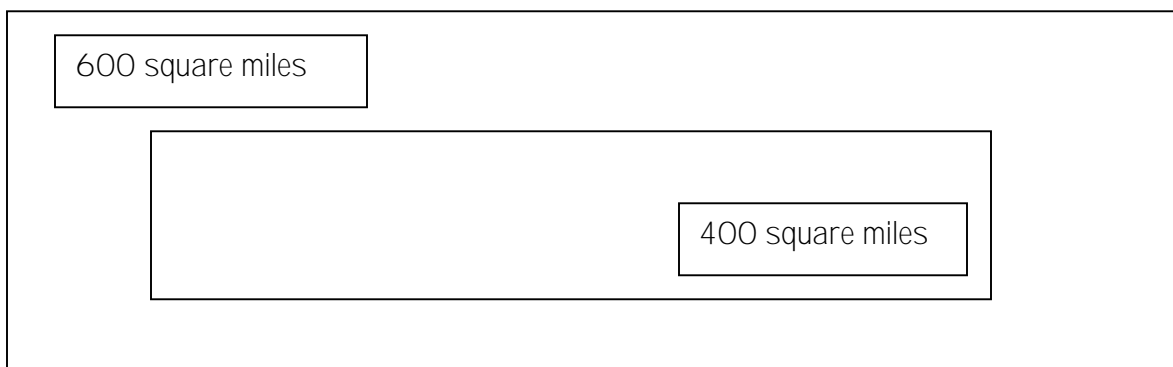




## Mathematics questions for grades 6-8 Tiger

Read about the tiger at  
<http://www.bigcatrescue.org/tiger.htm>

Tigers can require as much as 400 square miles for their territory. This drawing shows a tiger's territory in a specific region. About what percentage of this region is the tiger's territory? Explain how you solve the problem and the answer.



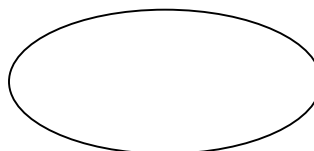
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Tigers are good swimmers and can easily swim 20 miles across a body of water. If a tiger has crossed this body of water by swimming the 20 miles across it, what is the area of the water?

Use  $A = \pi R^2$



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