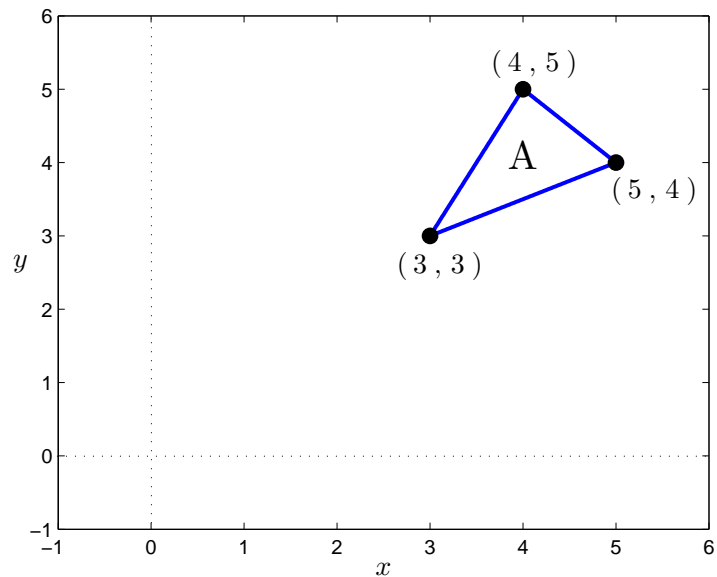


# Math 2315 - Calculus II

Quiz #5 - 2007.09.19

Name: \_\_\_\_\_

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1. Set up, but do not evaluate, the integrals required to compute, by both the method of cylindrical shells and the washer method, the volume of the solid obtained by rotating the region  $A$  about the  $x$ -axis.

2. Set up, but do not evaluate, the integrals required to compute, by both the method of cylindrical shells and the washer method, the volume of the solid obtained by rotating the region  $A$  about the  $y$ -axis.