

# Test Yourself



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## Area of Circle Intersect

**N**o fair using CAD on this one. Imagine yourself in a test environment with only an HP33 and your geometry and trigonometry skills to solve the problem.

The coordinates for Circle A's radius point are 1122.33 North, 3344.55 East;

its radius is 987.65 feet. The coordinates for Circle B's radius point are 511.33 North, 4433.55 East; its radius is 420.88 feet. Compute the area of the figure covered by both circles.

For the solution to this problem please visit our website at: [www.TheAmericanSurveyor.com](http://www.TheAmericanSurveyor.com). Good luck! 

