



LEWIS AND CLARK COLLEGE  
Department of Mathematical Sciences

---

PUZZLE OF THE WEEK (1/19/2017 - 1/25/2017)

What is the maximum number of points on a circle of radius 1 such that the distance between any two of the points is strictly greater than  $\sqrt{2}$ ? Justify your claim.

---

Solvers should include their full name and some kind of a contact information. Solutions should be submitted to **Iva Stavrov** in BoDine 305; email submissions are encouraged (istavrov at lclark). Solutions should be received by the end of the day on **Wednesday, January 25th 2017**.