Problem 5 (due Monday, April 10)

Consider a set \$\$\$ of \$n\$ distinct points on a plane. A circle is called minimal for S if every point of \$S\$ is either on the circle or inside the circle and there are at lest 3 points from \$S\$ on the circle. What is the largest possible number of minimal circles a set with \$n\$ points can have?

We did not receive any correct solutions (we received one solution which was not correct). The answer to the problem is \$n-2\$ for all \$n\geq 3\$. For a detailed solution see the following link Solution.

From:

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