



Point Genesis

Problem 957



There is a plane on which all points are initially white, except three red points and two blue points.
On each day, every line passing through a red point and a blue point is constructed. Then every white point, where two different such lines meet, turns blue.

Let $g(n)$ be the maximal possible number of blue points after n days.

For example, $g(1) = 8$ and $g(2) = 28$.

Find $g(16)$.

Answer:

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