

Suppose that in the plane (two-dimensional space) every point is colored either red or blue. Show that no matter how the points are colored, there has to exist an equilateral triangle somewhere in the plane such that the vertices of the triangle are all the same color.

Suppose that in the plane (two-dimensional space) every point is colored either red or blue. Show that no matter how the points are colored, there has to exist an equilateral triangle somewhere in the plane such that the vertices of the triangle are all the same color.

Suppose that in the plane (two-dimensional space) every point is colored either red or blue. Show that no matter how the points are colored, there has to exist an equilateral triangle somewhere in the plane such that the vertices of the triangle are all the same color.

Suppose that in the plane (two-dimensional space) every point is colored either red or blue. Show that no matter how the points are colored, there has to exist an equilateral triangle somewhere in the plane such that the vertices of the triangle are all the same color.