



Math for the people, by the people.

general position

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In projective geometry, a set of points is said to be in *general position* iff any  $d + 2$  of them do not lie on a  $d$ -dimensional plane, i.e., 4 points are in general position iff no three of them are on the same line.

Dually a set of  $d$ -dimensional planes is said to be in general position iff no  $d + 2$  of them meet in the same point, i.e., 4 lines are in general position iff no three of them meet in the same point.