

Quiz: Equidistant from Two Intersecting Lines

1.	What is the equation of the locus of points equidistant from the x-axis and the y-axis in the fourth quadrant?
2.	Describe the locus of a third row of trees so that it is always the same distance from each intersecting row of trees making an angle of 86° .
3.	Describe the locus of a third pipe so that it is always the same distance from each intersecting pipes making an angle of 12° .
4.	A rod has to be fit so that it is always the same distance from each intersecting rods forming an angle of 80° . The path of third rod is 38° from each intersecting rod.
5.	Describe the locus of a third row of pebbles so that it is always the same distance from each intersecting rows of pebbles making an angle of 48° .
6.	A road has to be made so that it is always the same distance from each intersecting fields forming an angle of 80° . Describe path of third rod.
7.	Peter walks so that he is always the same distance from each intersecting field forming an angle of 26° . Peter's path is at 40° from each intersecting field.
8.	A rod has to be fit so that it is always the same distance from each intersecting rods forming an angle of 48° . Describe path of third rod.
9.	A rod has to be fit so that it is always the same distance from each intersecting rods forming an angle of 90° . Describe path of third rod.
10.	The locus of a third river so that it is always the same distance from each intersecting river making an angle of 90° is 35° from each intersecting river.

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

Name _____ Date _____