

Quiz: Equidistant from Two Parallel Lines

1.	Describe the locus of a pen that has to be kept equidistant from 2 parallel pens.
2.	The locus of points equidistant from the points (6, -3) and (7, -3) is a line whose equation is $y = -6$.
3.	What is the equation of the locus of points equidistant from the lines $x=2$ and $x=12$?
4.	Two rows of cars are equidistant from each other. Describe the locus of a row of cars that it is equidistant from the 2 opposite parallel rows of cars.
5.	What is the equation of the locus of points equidistant from the line $y=-5$ and $y=7$?
6.	Describe the locus of a pipe equidistant from the 2 opposite parallel pipes.
7.	Describe the locus of the centre of the wheel of a bus that is moving along a straight, level track.
8.	What is the equation of the locus of points equidistant from the lines $x=-7$ and $x=-11$?
9.	There are two tracks on a street. Mary walks so that she is always equidistant from both tracks. Describe locus of her path.
10.	What is the equation of the locus of points equidistant from the lines $y=2$ and $y=8$?

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%