



## Line Segment (Points) - Find Perpendicular Bisector (True/False)

1

Is the equation for the perpendicular bisector of segment AB equal to:  $y = 1x + 1$

Point A: (5, 9)

Point B: (7, 7)

A	B
No	Yes

2

Is the equation for the perpendicular bisector of segment AB equal to:  $y = -1x + 12$

Point A: (6, 5)

Point B: (8, 7)

A	B
No	Yes

3

Is the equation for the perpendicular bisector of segment AB equal to:  $y = -1x + 12$

Point A: (3, 7)

Point B: (5, 9)

A	B
Yes	No

4

Is the equation for the perpendicular bisector of segment AB equal to:  $y = 1/3x + 3$

Point A: (5, 8)

Point B: (7, 2)

A	B
Yes	No

5

Is the equation for the perpendicular bisector of segment AB equal to:  $y = -1/3x + 25/3$

Point A: (6, 3)

Point B: (8, 9)

A	B
Yes	No

6

Is the equation for the perpendicular bisector of segment AB equal to:  $y = 1/2x + 3$

Point A: (4, 10)

Point B: (8, 2)

A	B
No	Yes

7

Is the equation for the perpendicular bisector of segment AB equal to:  $y = 1x + -0$

Point A: (3, 9)

Point B: (9, 3)

A	B
Yes	No

8

Is the equation for the perpendicular bisector of segment AB equal to:  $y = -1x + 14$

Point A: (6, 4)

Point B: (10, 8)

A	B
Yes	No