



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

1

Is the equation for the perpendicular bisector of segment AB equal to:
 $y = 1/2 x + 9/2$

Point A: (3, 8)

Point B: (7, 6)

A

No

B

Yes

2

Is the equation for the perpendicular bisector of segment AB equal to:
 $y = -3/2 x + 27/2$

Point A: (4, 1)

Point B: (10, 5)

A

Yes

B

No

3

Is the equation for the perpendicular bisector of segment AB equal to: $y = -5x + 24$

Point A: (3, 5)

Point B: (5, 3)

A

No

B

Yes

4

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

Point A: (5, 7)

Point B: (9, 3)

A

No

B

Yes

5

Is the equation for the perpendicular bisector of segment AB equal to:
 $y = -3/2 x + 10$

Point A: (1, 2)

Point B: (7, 6)

A

Yes

B

No

6

Is the equation for the perpendicular bisector of segment AB equal to:
 $y = 4/3 x + -10/3$

Point A: (2, 7)

Point B: (10, 1)

A

No

B

Yes

7

Is the equation for the perpendicular bisector of segment AB equal to:
 $y = -1/2 x + 5$

Point A: (4, 1)

Point B: (8, 3)

A

No

B

Yes

8

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

Point A: (2, 8)

Point B: (6, 2)

A

No

B

Yes