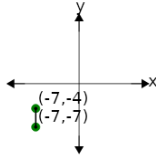




Solve geometric problems using coordinate methods

**1**

Find the length of the line that goes between the two coordinates



A 6

B 1

C 2

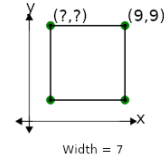
D 10

E 11

F 3

2

Find the missing coordinate if the width of the rectangle is 7



A (-5,0)

B (1,-1)

C (8,3)

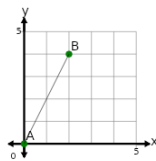
D (2,9)

E (5,1)

F (-2,6)

3

Find the slope of the line between Point A and Point B



A 0

B 0.5

C 0.75

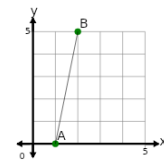
D -1.75

E 2

F 5.2

4

Find the slope of the line between Point A and Point B



A 14

B 13

C 0.2

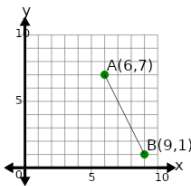
D -2.25

E 0

F 5

5

Is the mid-point of segment AB equal to (7.5, 4)

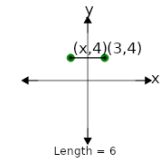


A No

B Yes

6

Find the missing value for x if the line is 6 in length



A -3

B 4

C -5

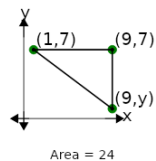
D -9

E 2

F 5

7

Find the missing value for y if the triangle has an area of 24



A 3

B 4

C -6

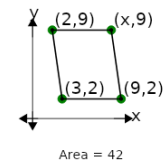
D 1

E 5

F -9

8

Find the missing value for x if the parallelogram has an area of 42



A 2

B 5

C -2

D 9

E 7

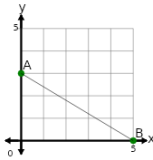
F 8



Solve geometric problems using coordinate methods

9

Find the slope of the line between Point A and Point B



A -1.67

B 0

C -1.44

D -0.12

E -1.8

F -0.6

10

Is the equation for the perpendicular bisector of segment AB equal to: $y = 2x + -12$

Point A : (5, 3)

Point B : (9, 1)

A

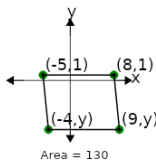
No

B

Yes

11

Find the missing value for y if the parallelogram has an area of 130



A -12

B -18

C -13

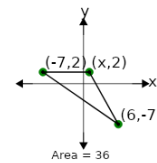
D -11

E -17

F -9

12

Find the missing value for x if the triangle has an area of 36



A -9

B -1

C 1

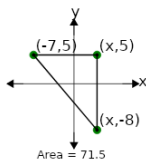
D -8

E 9

F 7

13

Find the missing value for x if the triangle has an area of 71.5



A 4

B -2

C -4

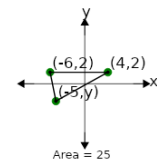
D 3

E 11

F 6

14

Find the missing value for y if the triangle has an area of 25



A -5

B -9

C 3

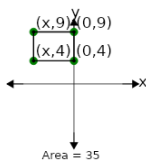
D -3

E 1

F -6

15

Find the missing value for x if the rectangle has an area of 35



A -12

B -2

C -11

D -10

E -7

F 0

16

Find the distance between the given (x,y) points

Point A : (1, 3)

Point B : (3, 2)

A 2.24

B 3.92

C 5.6

D 1.4

E 2

F 3