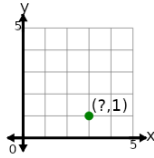


Use coordinates to solve geometric problems

1

Identify the x value of the point's coordinates



A 6

B 0

C 4

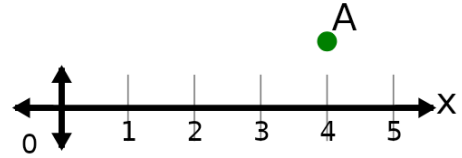
D 5

E 1

F 3

2

What is the value of 'x' for this point labelled 'A'?



A x = 5

B x = 2

C x = 3

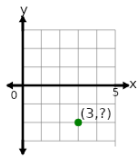
D x = 4

E x = 1

F x = 7

3

Identify the y value of the point's coordinates



A -2

B 1

C 3

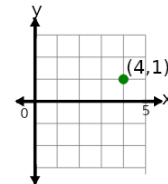
D 4

E 2

F 5

4

What does the value 4 in the point's coordinate mean?



A y is equal to -4

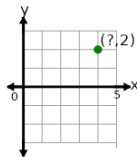
B x is equal to 4

C x is equal to -4

D y is equal to 4

5

Complete the coordinates of the point by identifying the x value



A (2,-4)

B (4,2)

C (4,3)

D (-4,2)

E (2,4)

F (-2,4)

6

Find the direction that the given move between (x,y) coordinates A and B would be

Point A : (1,0)

Point B : (2,0)

A Right 1, Down 1

B Right 1, Up 1

C Left 1

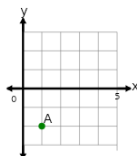
D Right 1

E Down 1

F Up 1

7

Identify the coordinates of the point labelled 'A'



A (1,-2)

B (-1,-2)

C (-2,-1)

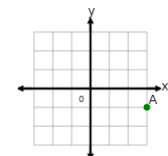
D (-2,1)

E (2,-2)

F (2,1)

8

Identify the values of 'x' and 'y' for the point labelled 'A'



A x = 3, y = -1

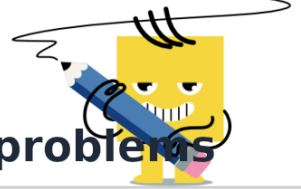
B x = 3, y = 0

C x = 4, y = -1

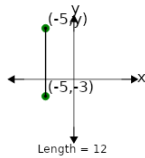
D x = -1, y = 3

E x = 1, y = 3

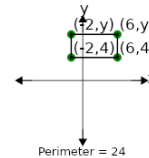
F x = 3, y = 1



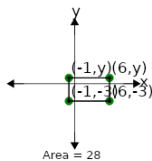
Use coordinates to solve geometric problems

9Find the missing value for y if the line is 12 in length

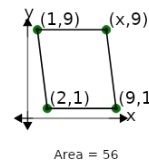
- | | | |
|-----|------|------|
| A 2 | B 4 | C 9 |
| D 7 | E 13 | F 18 |

10Find the missing value for y if the rectangle has a perimeter of 24

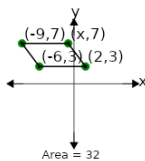
- | | | |
|-----|------|-----|
| A 6 | B -2 | C 8 |
| D 3 | E 1 | F 7 |

11Find the missing value for y if the rectangle has an area of 28

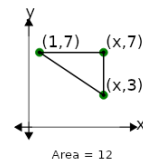
- | | | |
|-----|-----|------|
| A 6 | B 2 | C -6 |
| D 8 | E 1 | F -5 |

12Find the missing value for x if the parallelogram has an area of 56

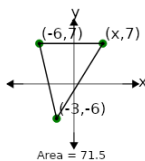
- | | | |
|------|------|------|
| A 8 | B 12 | C 15 |
| D -2 | E 2 | F 7 |

13Find the missing value for x if the parallelogram has an area of 32

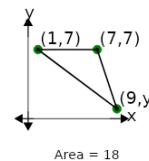
- | | | |
|------|------|------|
| A 7 | B -5 | C -4 |
| D -1 | E 0 | F -9 |

14Find the missing value for x if the triangle has an area of 12

- | | | |
|------|------|-----|
| A -3 | B 13 | C 4 |
| D 9 | E -1 | F 7 |

15Find the missing value for x if the triangle has an area of 71.5

- | | | |
|-----|-----|------|
| A 1 | B 3 | C 6 |
| D 0 | E 5 | F -1 |

16Find the missing value for y if the triangle has an area of 18

- | | | |
|------|------|-----|
| A -3 | B -4 | C 9 |
| D -8 | E -2 | F 1 |