Cartesian Grid - Area (Rectangle) to Missing Coordinate - Including Negative
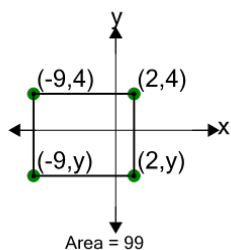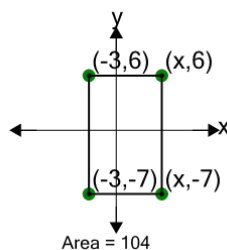
1

Find the missing value for y if the rectangle has an area of 99

(-9,4) (2,4)
(-9,y) (2,y)
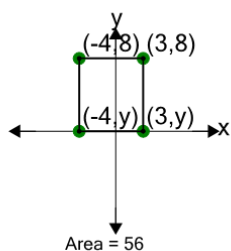Area = 99

A	-5	B	-11
C	3	D	0
E	-12	F	-6

2

Find the missing value for x if the rectangle has an area of 104

(-3,6) (x,6)
(-3,-7) (x,-7)
Area = 104

A	-2	B	10
C	9	D	14
E	5	F	12

3

Find the missing value for y if the rectangle has an area of 56

(-4,8) (3,8)
(-4,y) (3,y)
Area = 56

A	-8	B	2
C	0	D	1
E	3	F	-3

4
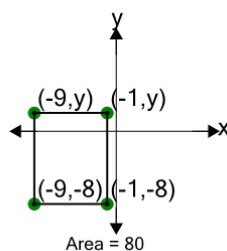
Find the missing value for y if the rectangle has an area of 80

(-9,y) (-1,y)
(-9,-8) (-1,-8)
Area = 80

A	2	B	-8
C	6	D	11
E	4	F	-2

5
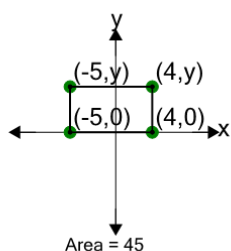
Find the missing value for y if the rectangle has an area of 45

(-5,y) (4,y)
(-5,0) (4,0)
Area = 45

A	1	B	4
C	5	D	0
E	2	F	6

6
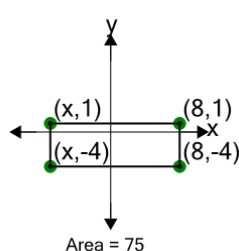
Find the missing value for x if the rectangle has an area of 75

(x,1) (8,1)
(x,-4) (8,-4)
Area = 75

A	-1	B	-4
C	-11	D	-3
E	-16	F	-7

7
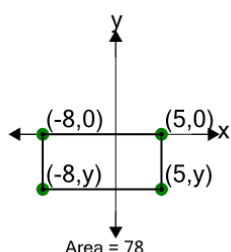
Find the missing value for y if the rectangle has an area of 78

(-8,0) (5,0)
(-8,y) (5,y)
Area = 78

A	1	B	-3
C	3	D	-11
E	-10	F	-6

8

Find the missing value for x if the rectangle has an area of 180

(x,7) (5,7)
(x,-8) (5,-8)
Area = 180

A	-17	B	0
C	-7	D	-1
E	-13	F	-14