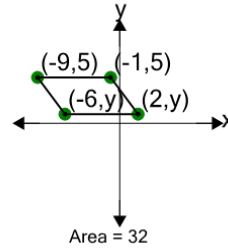# mobius

Math worksheet on *'Cartesian Grid - Area (Parallelogram) to Missing Coordinate - Including Negative (Level 1)'*. Part of a broader unit on *'Cartesian Grid Geometry Logic - Practice'*

Learn online:

app.mobius.academy/math/units/cartesian_grid_geometry_logic_practice/

1

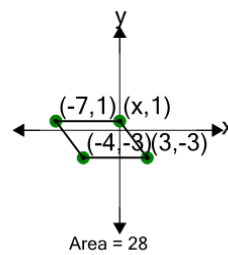Find the missing value for y if the parallelogram has an area of 32

(-9,5) (-1,5)
(-6,y) (2,y)
Area = 32

a	10	b	1
c	4	d	-9
e	-5	f	-4

2
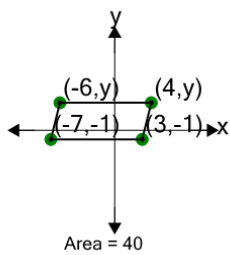
Find the missing value for y if the parallelogram has an area of 40

(-6,y) (4,y)
(-7,-1) (3,-1)
Area = 40

a	12	b	-1
c	5	d	4
e	2	f	3

3

Find the missing value for x if the parallelogram has an area of 28

(-7,1) (x,1)
(-4,-3)(3,-3)
Area = 28

a	8	b	-3
c	-9	d	0
e	-8	f	9

4
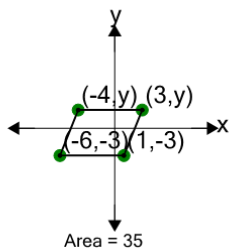
Find the missing value for y if the parallelogram has an area of 35

(-4,y) (3,y)
(-6,-3)(1,-3)
Area = 35

a	-5	b	7
c	2	d	5
e	-4	f	9

5
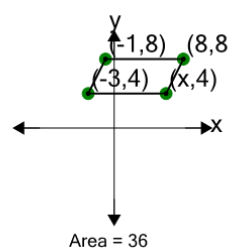
Find the missing value for x if the parallelogram has an area of 36

(-1,8) (8,8)
(-3,4) (x,4)
Area = 36

a	6	b	2
c	5	d	9
e	11	f	4

6
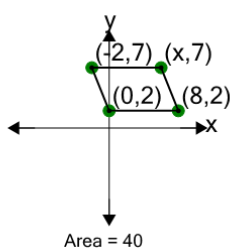
Find the missing value for x if the parallelogram has an area of 40

(-2,7) (x,7)
(0,2) (8,2)
Area = 40

a	6	b	10
c	11	d	12
e	-2	f	1

7

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

(-8,5) (-1,5)
(-5,y) (2,y)
Area = 28

a	4	b	0
c	1	d	-3
e	6	f	-2