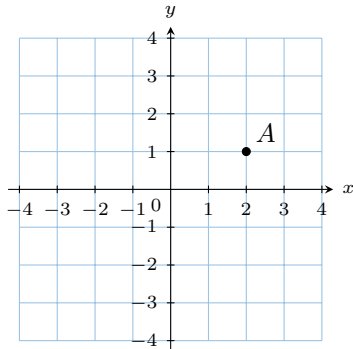


COORDINATE GEOMETRY

A COORDINATE PLANE

A.1 IDENTIFYING COORDINATES OF POINTS

Ex 1:

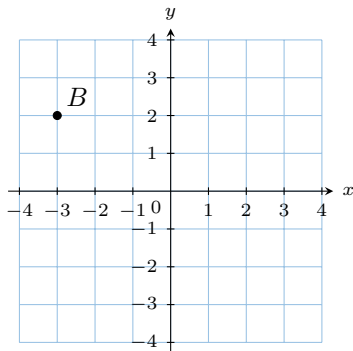


Identify the coordinates of the point:

$$A(\boxed{2}, \boxed{1})$$

Answer: The coordinates of point A are $(2, 1)$.

Ex 2:

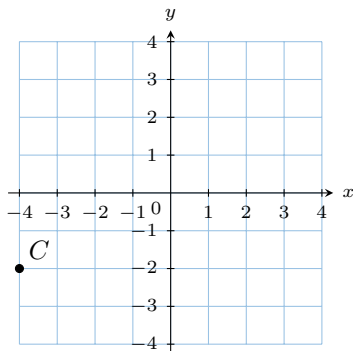


Identify the coordinates of the point:

$$B(\boxed{-3}, \boxed{2})$$

Answer: The coordinates of point B are $(-3, 2)$.

Ex 3:

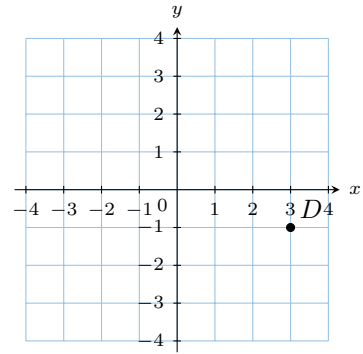


Identify the coordinates of the point:

$$C(\boxed{-4}, \boxed{-2})$$

Answer: The coordinates of point C are $(-4, -2)$.

Ex 4:

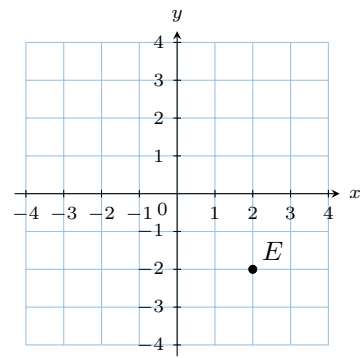


Identify the coordinates of the point:

$$D(\boxed{3}, \boxed{-1})$$

Answer: The coordinates of point D are $(3, -1)$.

Ex 5:



Identify the coordinates of the point:

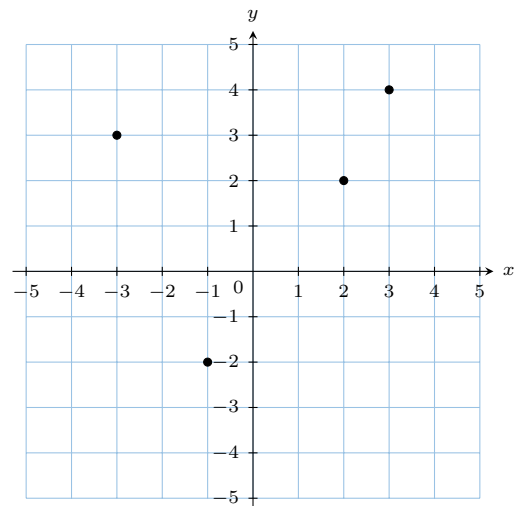
$$E(\boxed{2}, \boxed{-2})$$

Answer: The coordinates of point E are $(2, -2)$.

B TABLE OF POINTS

B.1 FILLING A TABLE OF POINTS

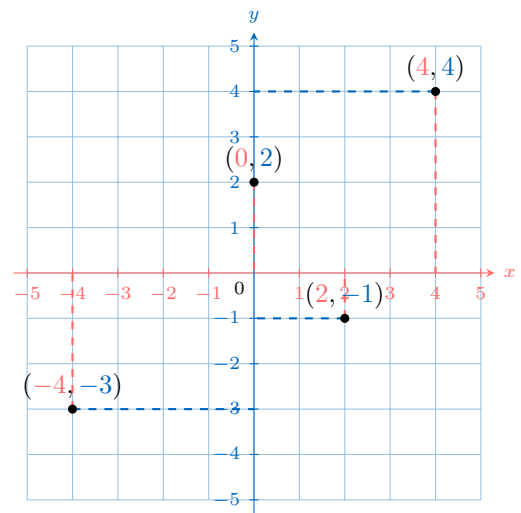
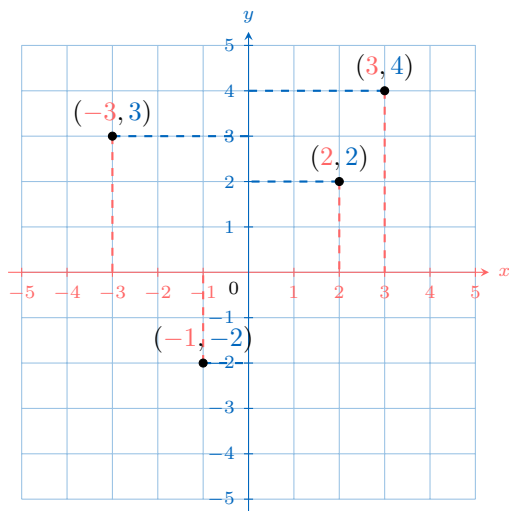
Ex 6: From this coordinate plane,



fill in the table of points:

x	-3	-1	2	3
y	3	-2	2	4

Answer:



The points are $(-4, -3)$, $(0, 2)$, $(2, -1)$, $(4, 4)$.
So, the table of points is:

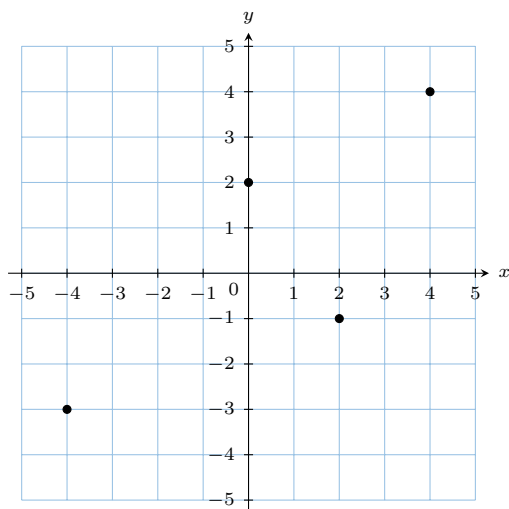
x	-4	0	2	4
y	-3	2	-1	4

Ex 8: From this coordinate plane,

On the coordinate plane, the points are $(-3, 3)$, $(-1, -2)$, $(2, 2)$, $(3, 4)$. So, the table of points is:

x	-3	-1	2	3
y	3	-2	2	4

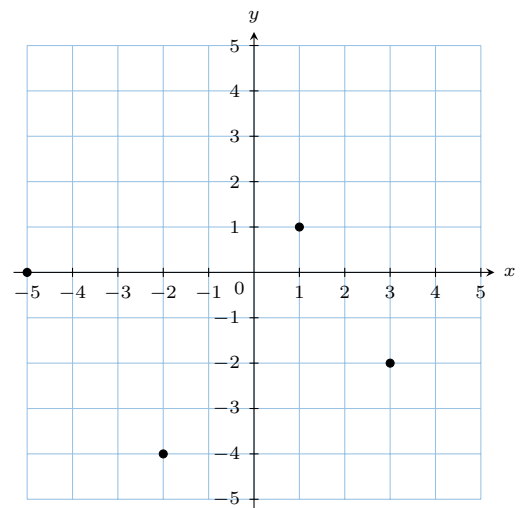
Ex 7: From this coordinate plane,



fill in the table of points:

x	-4	0	2	4
y	-3	2	-1	4

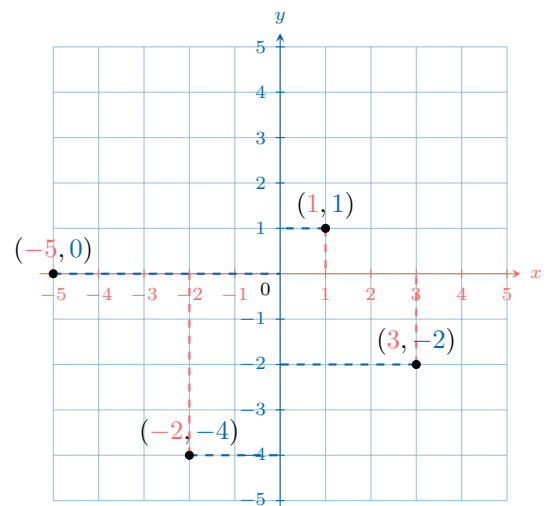
Answer:



fill in the table of points:

x	-5	-2	1	3
y	0	-4	1	-2

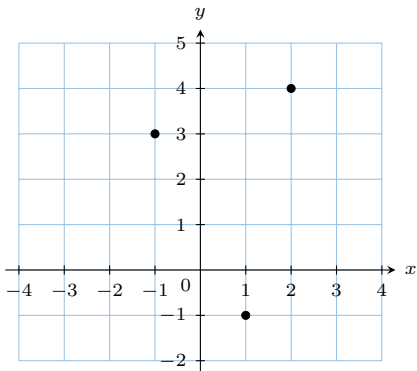
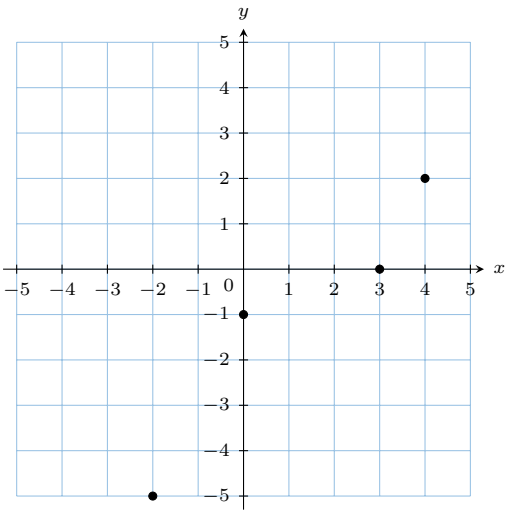
Answer:



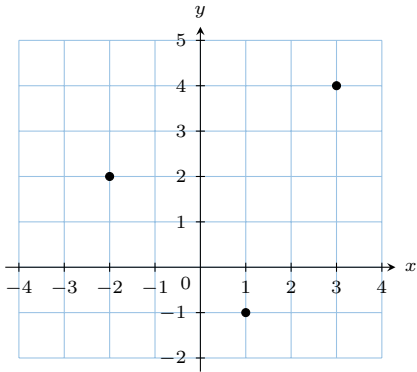
The points are $(-5,0)$, $(-2,-4)$, $(1,1)$, $(3,-2)$.
 So, the table of points is:

x	-5	-2	1	3
y	0	-4	1	-2

Ex 9: From this coordinate plane,



☐

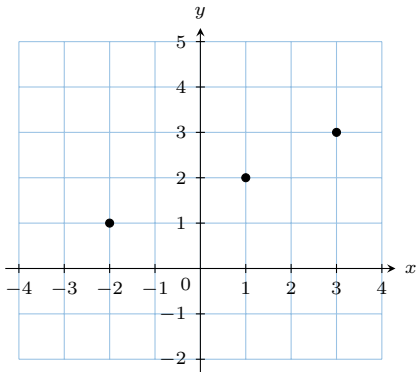
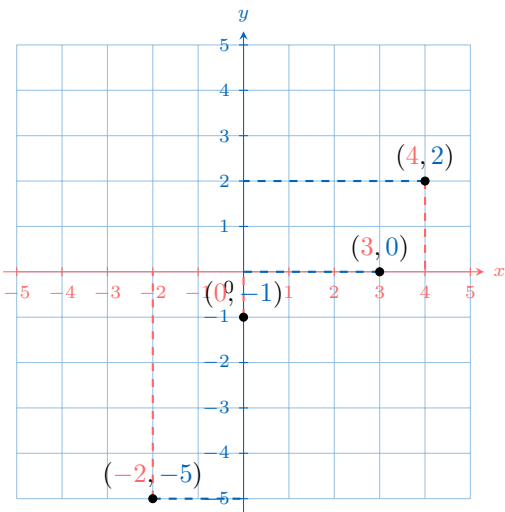


☒

fill in the table of points:

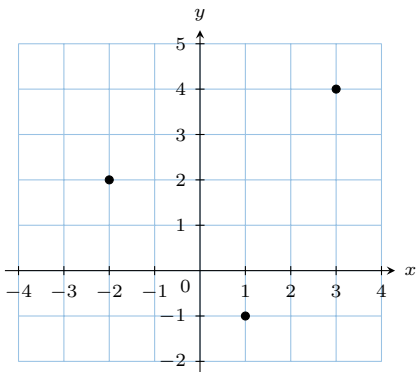
x	-2	0	3	4
y	-5	-1	0	2

Answer:



☐

Answer: The correct graph is:



The points are $(-2,-5)$, $(0,-1)$, $(3,0)$, $(4,2)$.
 So, the table of points is:

x	-2	0	3	4
y	-5	-1	0	2

B.2 MATCHING TABLES AND GRAPHS

MCQ 10: Based on this table of points:

x	-2	1	3
y	2	-1	4

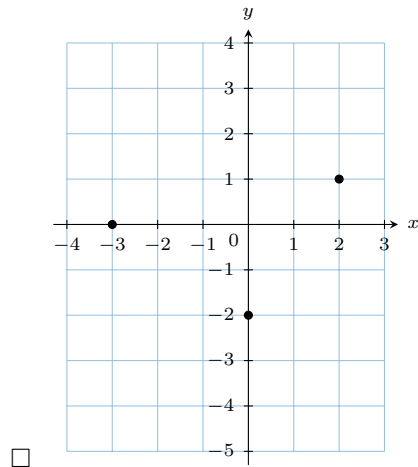
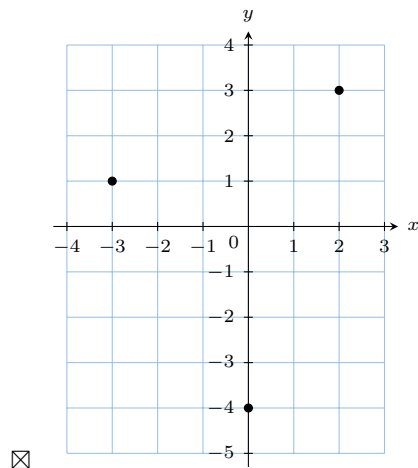
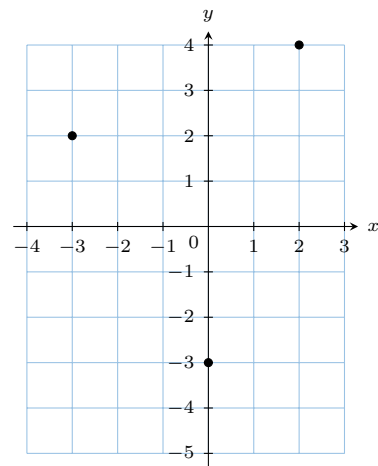
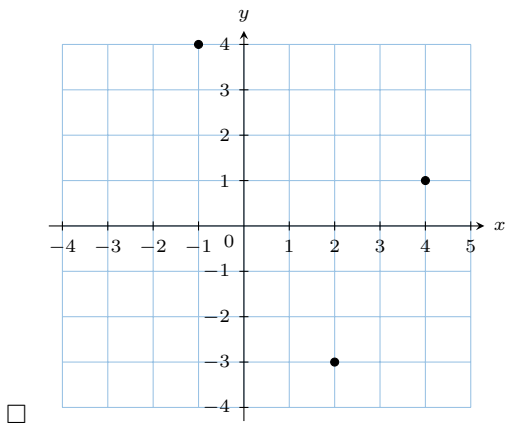
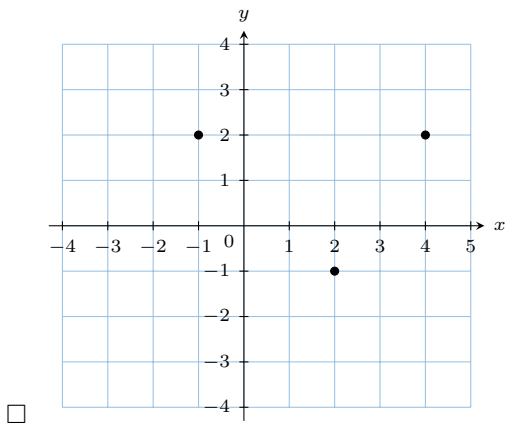
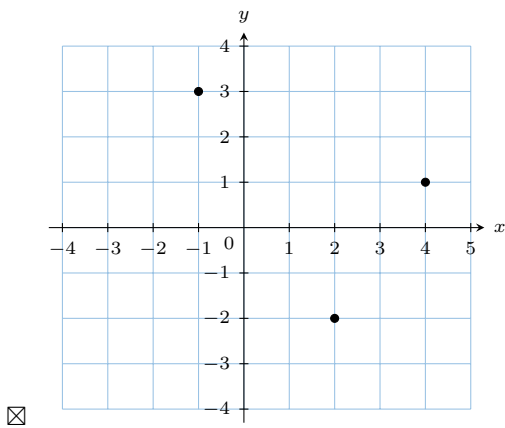
Which graph correctly plots these points?
 Choose the correct answer:

MCQ 11: Based on this table of points:

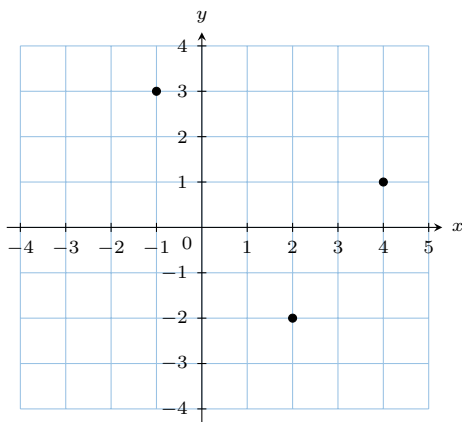
x	-1	2	4
y	3	-2	1

Which graph correctly plots these points?
 Choose the correct answer:

Which graph correctly plots these points?
Choose the correct answer:



Answer: The correct graph is:

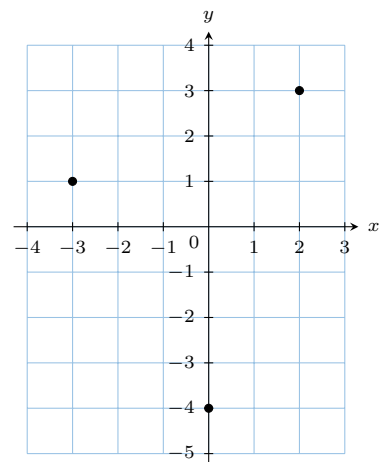


The table gives points $(-1, 3)$, $(2, -2)$, and $(4, 1)$, which are correctly plotted in the first option.

MCQ 12: Based on this table of points:

x	-3	0	2
y	1	-4	3

Answer: The correct graph is:



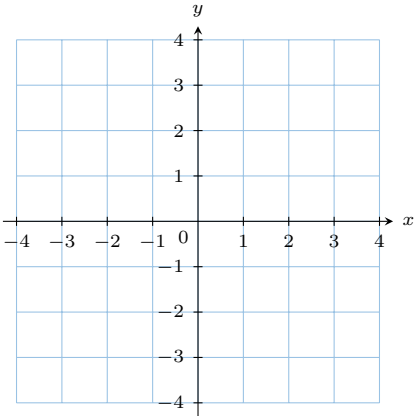
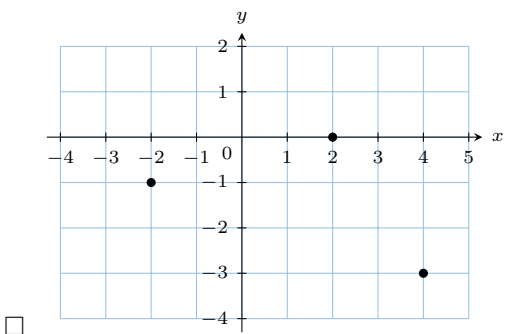
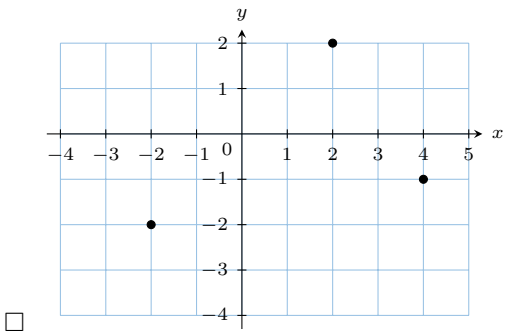
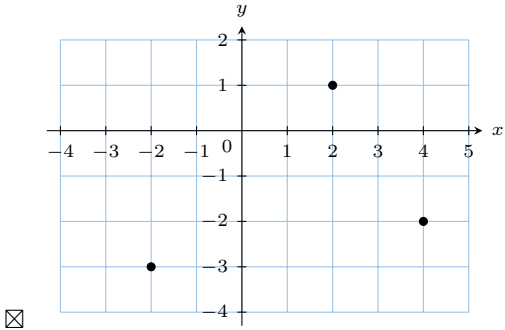
The table gives points $(-3,1)$, $(0,-4)$, and $(2,3)$, which are correctly plotted in the second option. Plot these points

MCQ 13: Based on this table of points:

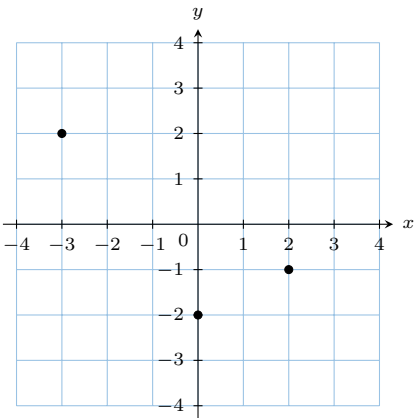
x	-2	2	4
y	-3	1	-2

Which graph correctly plots these points?

Choose the correct answer:



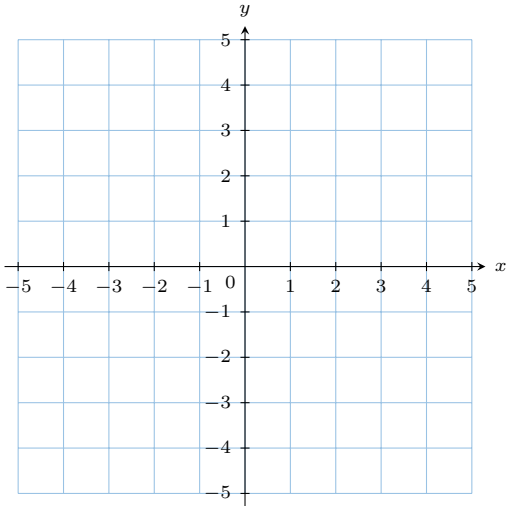
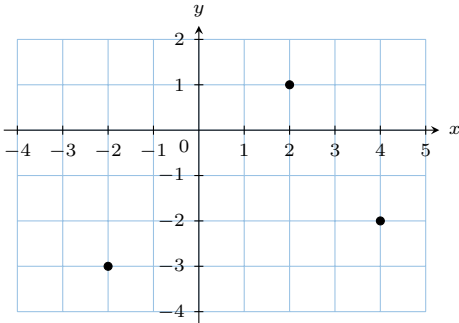
Answer:



Ex 15:

x	-4	-2	0	1	3	4
y	2	-3	1	-2	3	-1

Plot these points



The table gives points $(-2,-3)$, $(2,1)$, and $(4,-2)$, which are correctly plotted in the first option.

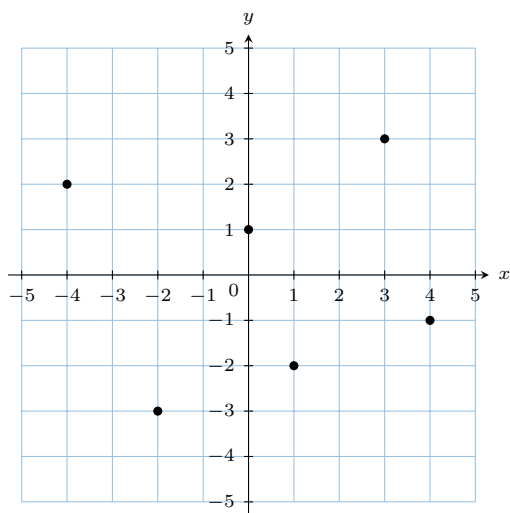
B.3 PLOTTING POINTS FROM A TABLE

Ex 14:

x	-3	0	2
y	2	-2	-1

Answer:

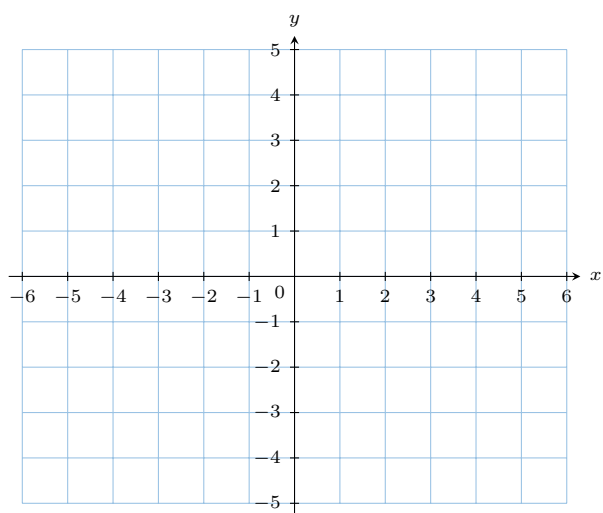




Ex 16:

x	-5	-3	-1	2	3	5
y	-2	3	-4	0	2	4

Plot these points



Answer:

