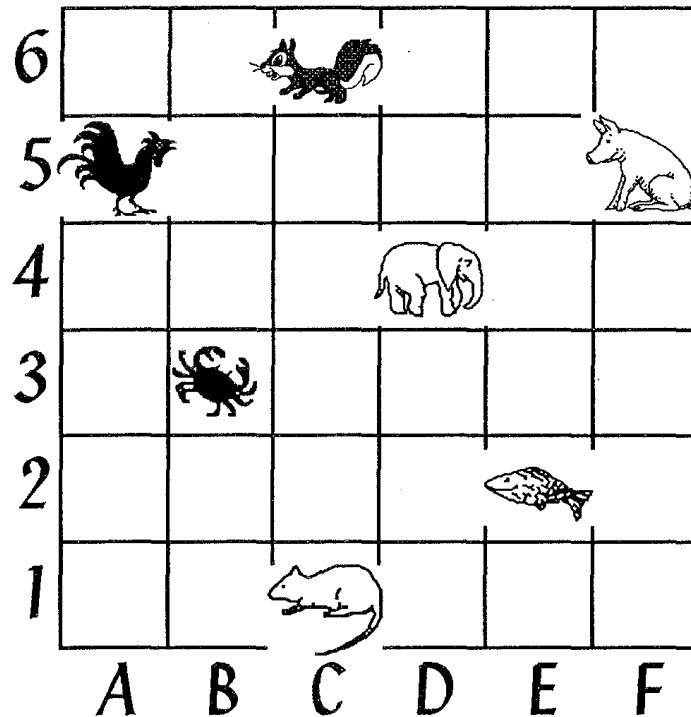


Coordinates



1.



a) Which animal is in box D4?

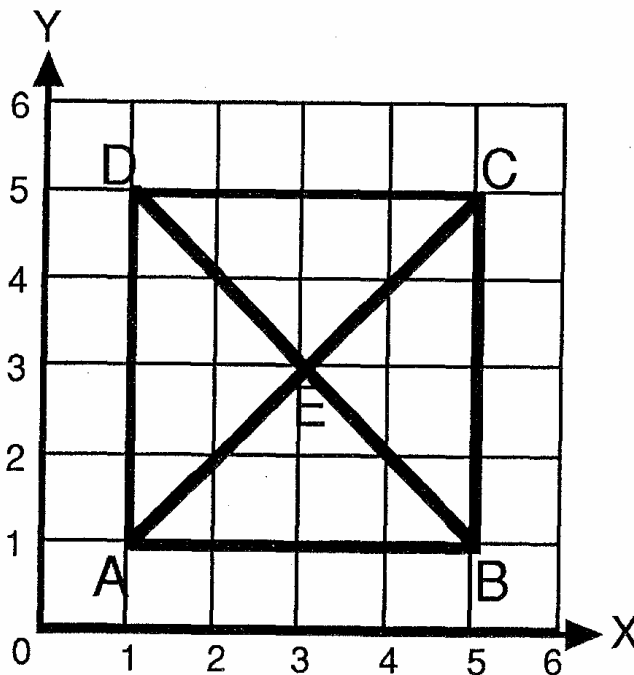
b) Which animal is in box B3?

c) Which box is the fish in?

d) Draw a cat in box F1.

(4)

2. Use the grid below to fill in all the gaps in the questions.



a) O is the point (..... ,), and is called the

b) The line OX is called the

c) The line OY is called the

d) Complete the following coordinates.

A (1,)

B (5,)

C (..... ,)

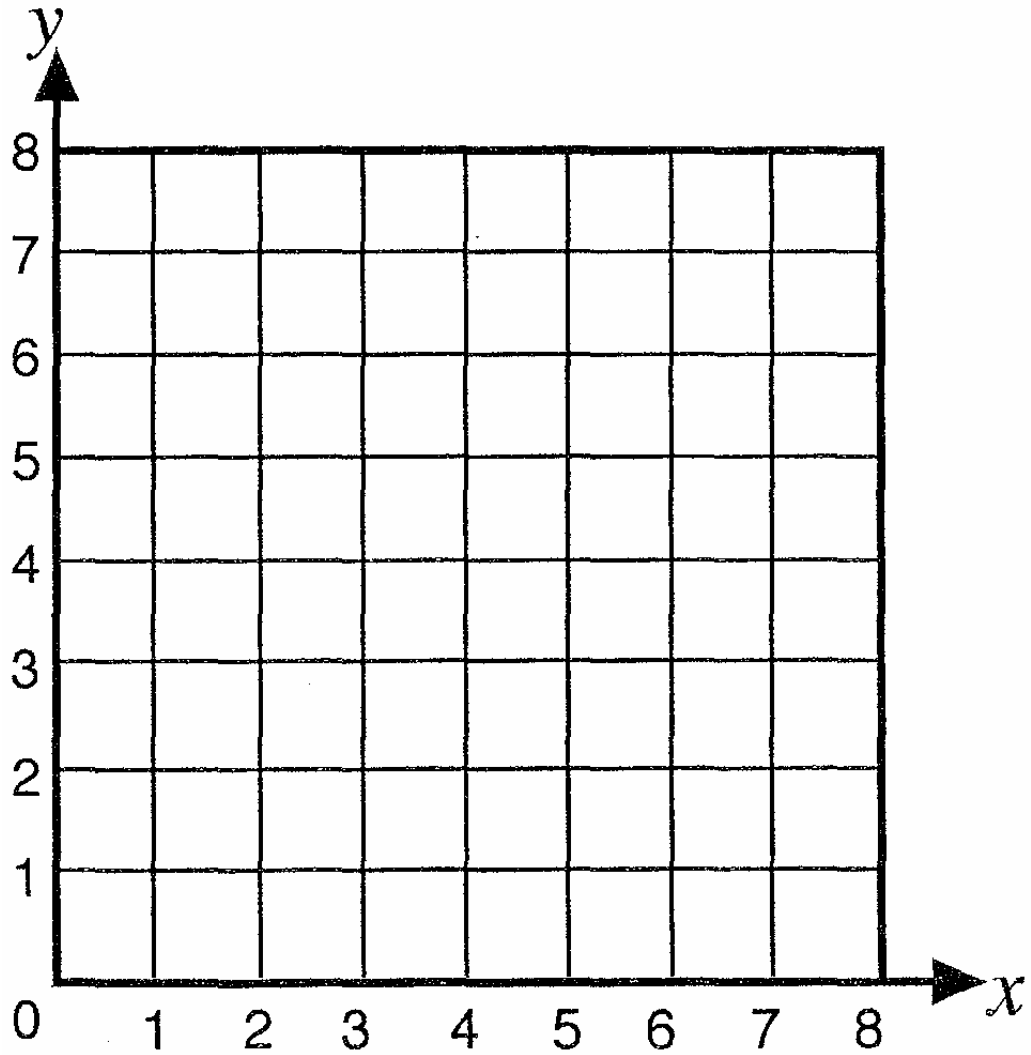
D (..... ,)

e) AC and BD cross at E.

The coordinates of E are (..... ,)

(9)

3. a) Using the grid below, draw the square PQRS where P is the point (2, 3) and R is the point (6, 7).



- b) What are the coordinates of Q and S?

(6)

4. Jill and Jane are sending messages to each other in code, using the grid below.

6	R	A	O	C	Z	Q
5	.	E	S	Y	G	
4		N		B	T	H
3	M	X		!	V	,
2		D	J	U	K	F
1	L	W	?	I	P	
	A	B	C	D	E	F

a) Decode this message:

E4, F4, D1, C5, D6, C6, B2, B5, D1, C5,
 D4, A6, D1, A1, A1, D1, B6, B4, E4, D3.

.....

- b) Make up your own message using the grid.
Write it normally, and in code.

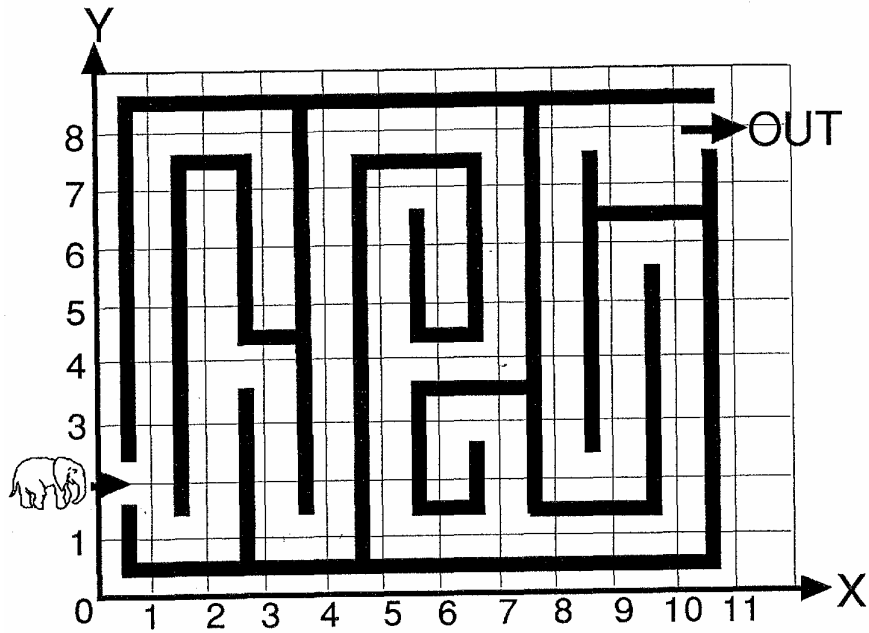
Normal message:

.....
.....
.....
.....

Coded message:

.....
.....
.....
.....

5. Draw the elephant's route through the maze onto the diagram below.



Write instructions to follow the route by giving the coordinates each time you turn a corner. This has started for you.

(1,2), (1, 1), (2, 1), (2,4)

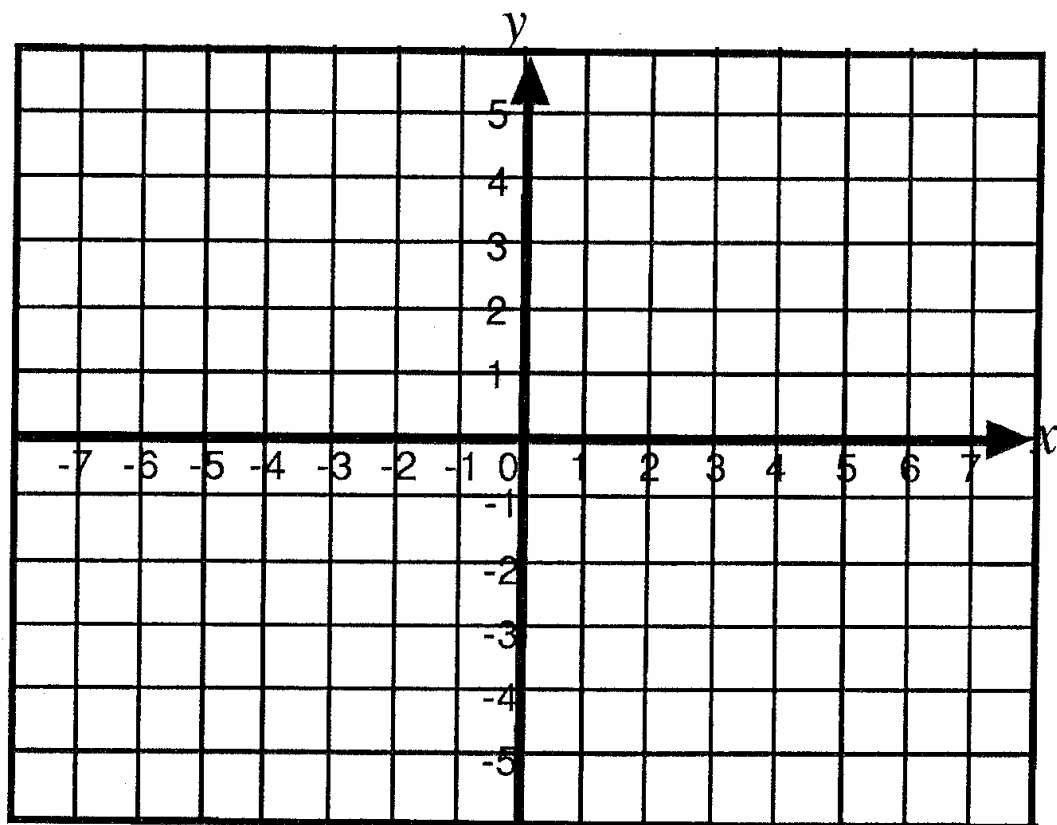
.....

6. Plot these points on the grid below, joining them up in order:

$(-5, -5) \Rightarrow (6, -5) \Rightarrow (7, 1) \Rightarrow (5, -1) \Rightarrow (2, 0) \Rightarrow$

$(-1, -1) \Rightarrow (1, 3) \Rightarrow (1, 5) \Rightarrow (-1, 5) \Rightarrow (-1, 4) \Rightarrow$

$(-3, 4) \Rightarrow (-1, 3) \Rightarrow (-5, -5)$



What have you created?

(6)

————— END OF HOMEWORK EXERCISE —————

[39]