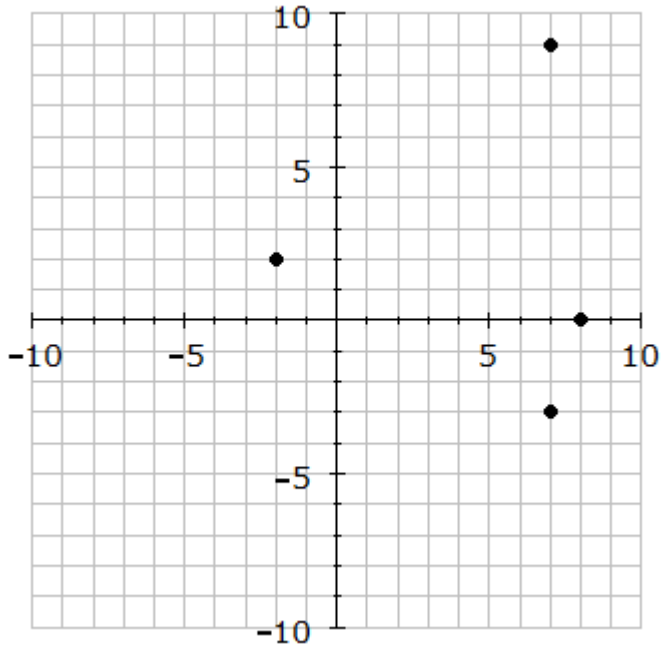
Basic Patterns and Graphs Practice #5



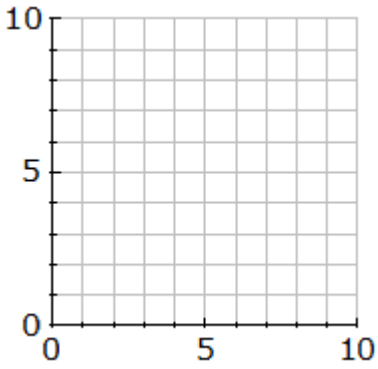
1. Link the points A → B → C & D → B

   A (4, 7), B (1, 4), C (⁻2, 7), D (1, ⁻2)

2. Write the co-ordinates for the four dots shown on the grid.

3. Complete the table with the same pattern and graph it:

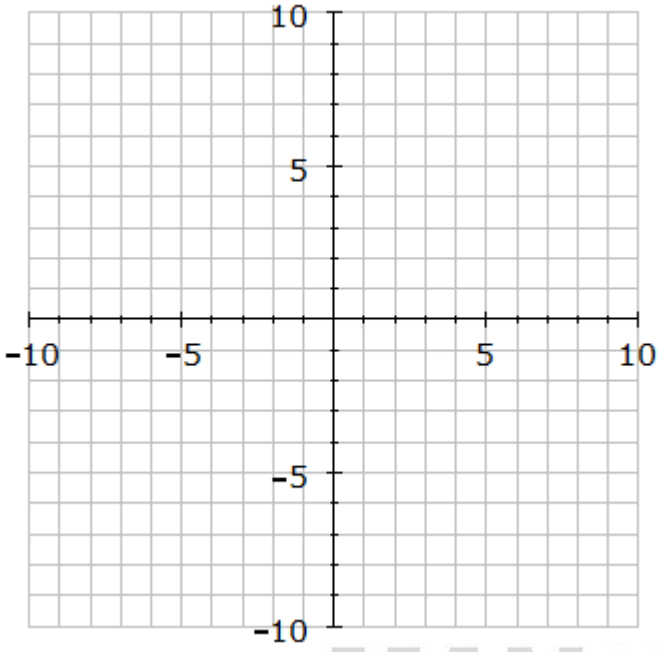
x	0	1	2	3	4	7	...	20
y	8	7	6	5				



Give the equation of the line: .....

4. Complete the table with the same pattern and graph it:

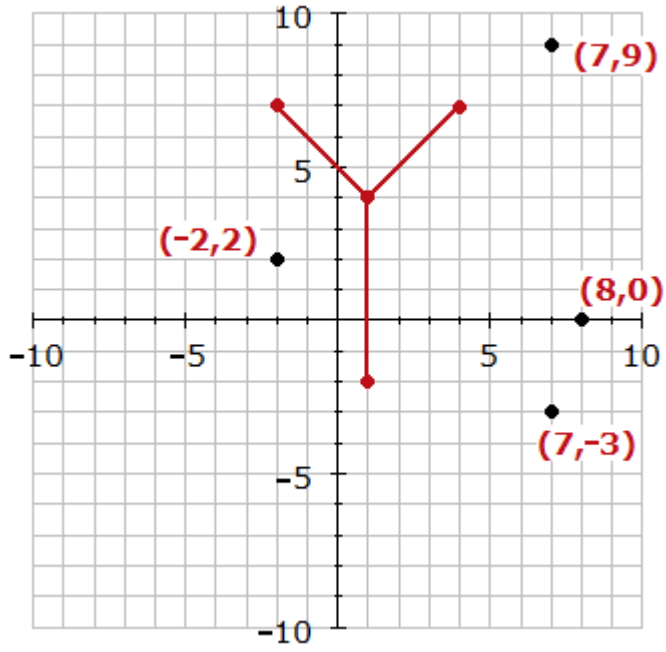
x	y
–2	
–1	
0	1
1	4
2	7
3	10
...	
15	



Give the equation of the line: .....

MAN vs MATHS 2014

Answers: Basic Patterns and Graphs Practice #5



1. Link the points A → B → C & D → B

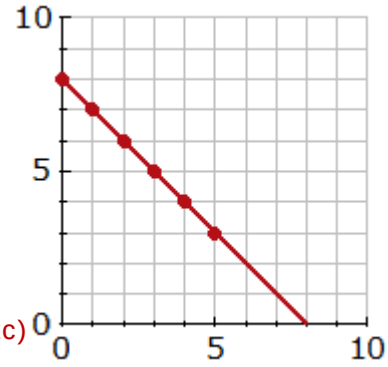
   A (4, 7), B (1, 4), C (¯2, 7), D (1, ¯2)

2. Write the co-ordinates for the four dots shown on the grid.

3. Complete the table with the same pattern and graph it:

x	0	1	2	3	**−1** 4	7	...	20
y	8	7	6	5	**4**	**3**		**−12**

Give the equation of the line: $y = -1x + 8$ (or $y = 8 - x$ etc)



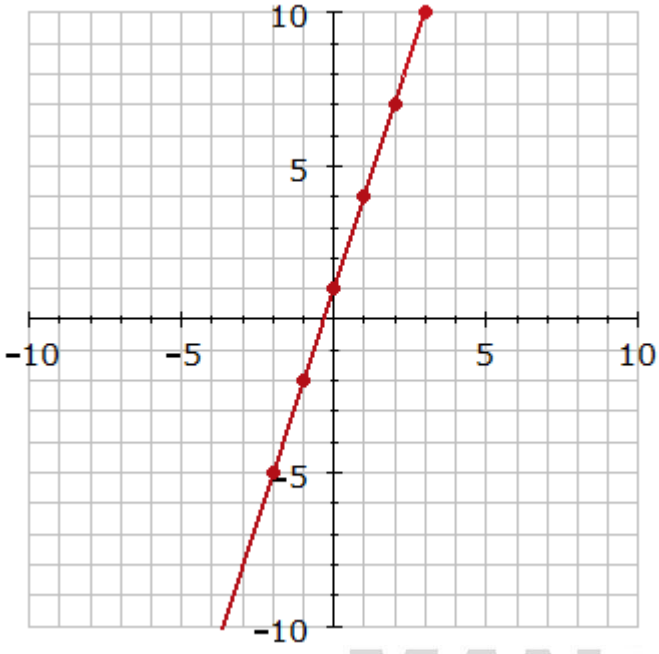
4. Complete the table with the same pattern and graph it:

x	y
−2	**−5**
−1	**−2**
0	1
1	4
2	7
3	10
...	
15	**46**

+3

+3

Give the equation of the line: $y = 3x + 1$



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