Basic Patterns and Graphs Practice #1
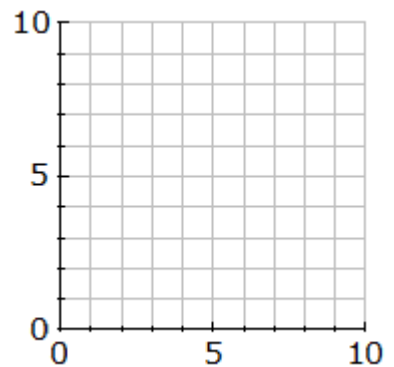

1. Link the points A → B → C → D → A to create a shape.

   A (5, 4), B (⁻4, ⁻1), C (⁻2, 6), D (3, ⁻3)

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	1	2	3	4	5	6	...	20
y	2	4	6	8				

   Give the equation of the line: ....

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

x	y
−7	
...	
−2	
−1	
0	−3
1	−2
2	−1
3	

   Give the equation of the line: ....

Answers: Basic Patterns and Graphs Practice #1
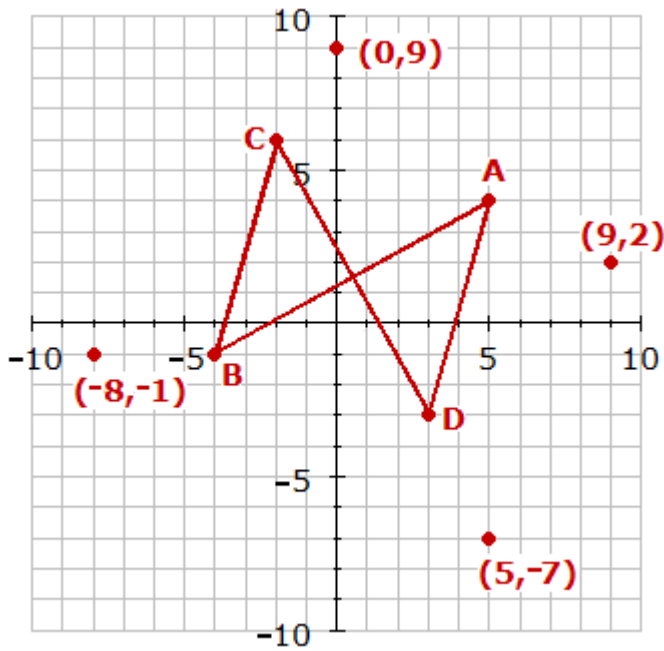
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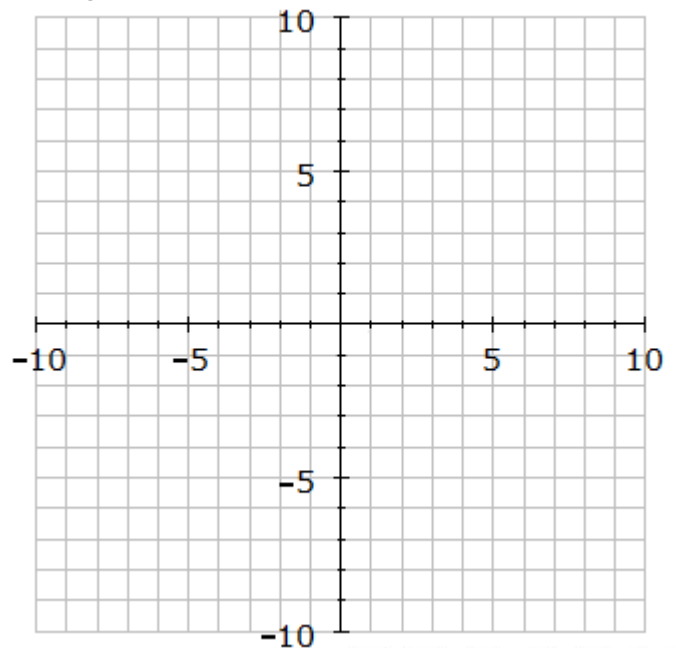
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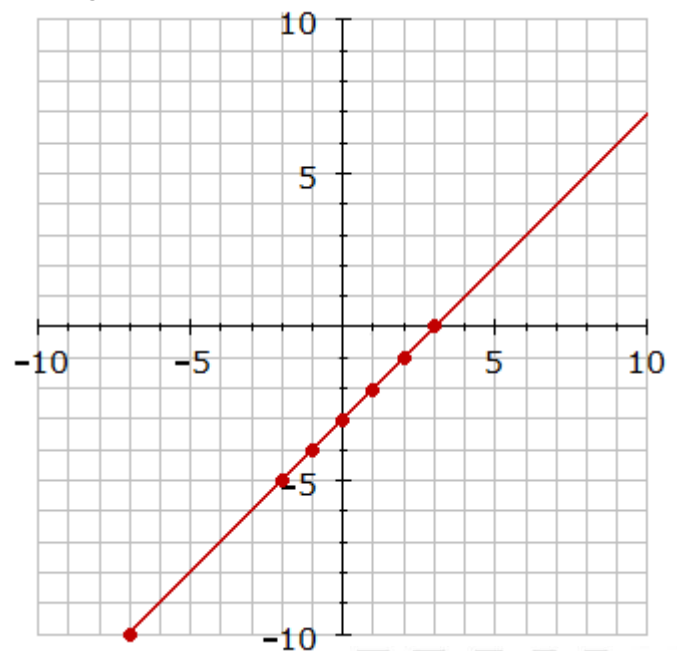
x	1	2	3	4	5	6	...	20
y	2	4	6	8	**10**	**12**		**40**

+2   +2

Give the equation of the line: **$y = 2x$**
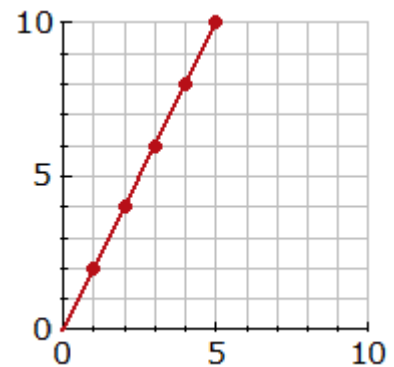
4. Complete the table with the same pattern and graph it:

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

+1

+1

Give the equation of the line: **$y = 1x +$ ⁻3**   (or $y = x − 3$)

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