

124050005_4

OA

30 Madison and Pedro each created a number pattern that began with the number 0.

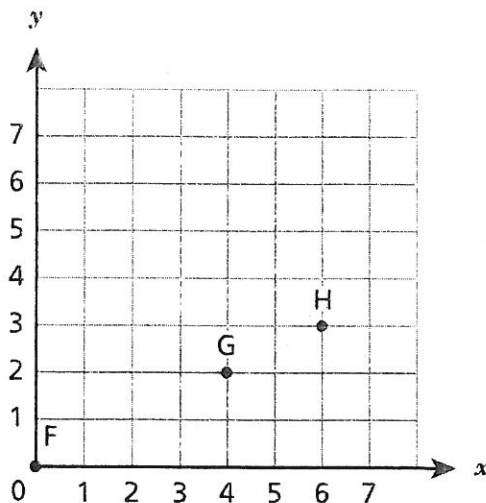
- Madison used the rule "Add 4."
- Pedro used the rule "Add 12."

Which statement is true about each corresponding pair of numbers in the two patterns?

- A** Each number in Pedro's pattern is 8 less than the corresponding number in Madison's pattern.
- B** Each number in Pedro's pattern is 8 more than the corresponding number in Madison's pattern.
- C** Each number in Pedro's pattern is 3 times less than the corresponding number in Madison's pattern.
- D** Each number in Pedro's pattern is 3 times more than the corresponding number in Madison's pattern.

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Points F, G, and H are represented on the grid shown below.



Which statement is true for each of the points?

- A** The x-coordinate is $\frac{1}{2}$ the y-coordinate.
- B** The x-coordinate is 2 times the y-coordinate.
- C** The x-coordinate is 2 more than the y-coordinate.
- D** The x-coordinate is 3 more than the y-coordinate.