

Patterns and Linear Functions Exit Quiz

Part A Instructions: Choose the option that completes the sentence or answers the question.

1. Which one of these is used for representing the relationship in a pattern?

- a. Graph
- b. Ordered pairs
- c. Data table
- d. All of these

2. The perimeter of a square having side equal to 4 is:

- a. 8
- b. 12
- c. 4
- d. 16

3. A function has one and only one input for:

- a. One output
- b. Two outputs
- c. Every output
- d. None of these

4. A function whose graph is a straight line is a:

- a. Quadratic function
- b. Linear function
- c. Cubic function
- d. None of these

Part B Instructions: Answer the question below.

5. For the table given, determine whether the relationship is a function. If yes, then represent the relation using words, an equation and ordered pairs.

a	4	5	4	6	8
b	7	8	9	11	11

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No, it is not a function since the input $a = 4$ is associated with two values of output b which contradicts the definition of a function