

Writing Graphic Organizer: 3-paragraph Essay

3) *The beginning of the number pattern 1, 2, 4, 8 was used by two teachers in separate classes. Teacher A asked, “What is the next number in this pattern?”. Teacher B asked, “What are some possibilities for the next number in this pattern?”. List more than one way this number pattern can be continue and explain your reasoning for each way.*

1,2,4,8,1,2,4,8,1,2,4,...—the list repeats the numbers 1,2,4, & 8 over and over again.

1,2,4,8,16,32,64,128, ...—Double the number to get the next entry in the list.

Discuss the difference between the two questions in terms of expected student responses.

Introduction	Summary of Ideas	Teacher B is better
	Outline	One question was much more open ended than the other.
Body	Topic Sentence	One question had only one answer since there is only one “next number”.
	Supporting Detail	Teacher B’s question suggests there is more than one answer. Multiple answers suggest interpretations.
	Supporting Detail	One question suggested only one person needed to answer. Students may not engage since there is no opportunity for them (one of 30) to contribute.
	Supporting Detail	The second question suggests that more than one person can and is expected to contribute to the discussion.
	Conclusion or Transition	Teacher A’s question is likely to engage more of the class.
Conclusion	Summary of Ideas	The second question is better since the question has more than one answer.