Topic: Sequences vs. series

Question: Choose the correct definition of a sequence.

Answer choices:

A A sequence is the sum of an ordered list of elements.

B A sequence is an ordered list of elements that follows a set rule.

C A sequence is the sum of a random (non-repeating) list of elements.

D A sequence is a random (non-repeating) list of elements.

Solution: B

A sequence is an ordered list of elements that follows a set rule.

Topic: Sequences vs. series

Question: Choose the correct definition of a series.

Answer choices:

A A series is the sum of an ordered list of elements.

B A series is an ordered list of elements that follows a set rule.

C A series is the sum of a random (non-repeating) list of elements.

D A series is a random (non-repeating) list of elements.

Solution: A

A series is the sum an ordered list of elements.

Topic: Sequences vs. series

Question: How are sequences and series related?

Answer choices:

A A sequence is the sum of all of the terms of a series.

B Sequences are ordered and series are random but they are both lists of elements.

C A series is the sum of all of the terms of a sequence.

D Sequences are ordered and series are random but they are both sums of terms.

Solution: C

A series is the sum of all of the terms of a sequence.