

## Sequences



Name Class Date



A **sequence** is an ordered list of numbers.

True or false?

- A true
- **B** false



What is the **pattern** of the sequence, **1**, **2.5**, **4**, **5.5**, **7**...?

- A Every other number is listed.
- B Add 2.5 to every number.
- C The sum of the previous two numbers.
- D Add 1.5 to every number.



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What is the **pattern** of the sequence, **1**, **4**, **9**, **16**, **25**, **36**...?

- A Add a multiple of 3 to each number.
- B Double the number plus one.



What is the **pattern** of the sequence, **3**, **6**, **11**, **18**...?

- A Twice the numbers 1, 2, 3... plus one.
- B The numbers 1, 2, 3... squared



## **PREVIEW**



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- C 35, 48, 63
- **D** 30, 42, 56

- **B** 56
- C 112
- **D** 224

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A sequence starts at 100 and each number is 12 less than the one before. What is the seventh number in the sequence?

- A 16
- **B** 28
- C 52
- **D** 88

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The sequence, 1, 1, 2, 3, 5, 8, 13, 21... is called the **Fibonacci Sequence**.

True or false?

- A true
- **B** false



## Sequences



Name Class Date A sequence is an ordered list What is the pattern of the sequence, of numbers. 1, 2.5, 4, 5.5, 7...? True or false? A Every other number is listed. A DB Add 2.5 to every number. A true C The sum of the previous B false two numbers. D Add 1.5 to every number. 3 What is the pattern of the sequence, What is the pattern of the sequence, 1, 4, 9, 16, 25, 36...? 3, 6, 11, 18...? A Twice the numbers 1, 2, 3... plus one. A Add a multiple of 3 to each number. B B The numbers 1, 2, 3... squared B Double the number plus one. 5 A **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet C**B** 56 C 35, 48, 63 **D** 30, 42, 56 C 112 D 224 9 A sequence starts at 100 and each 10 The sequence, 1, 1, 2, 3, 5, 8, 13, 21... number is 12 less than the one before. is called the Fibonacci Sequence. What is the seventh number in the sequence? True or false? B A 16 A true **B** 28 **B** false C 52 **D** 88