

# Sequences Homework 1

## Consolidate

1. Draw the next term of the sequence



2. What is the next term in the sequence?

12, 10, 8, 6, 4

\_\_\_\_\_

3. What is the next terms in the sequence?

10, 20, 30, 40,

\_\_\_\_\_

4. Is this sequence arithmetic or not?

0, 3, 6, 9, 12, 15

\_\_\_\_\_

## Explain

1. Describe what a sequence is

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\_\_\_\_\_  
\_\_\_\_\_

2. Explain what an arithmetic sequence is

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3.



For the sequence above, how many squares would there be in the next term? Explain how you know.

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Retrieve

1. Sum together 27 and 53

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2. Multiply 6.4 by 10

\_\_\_\_\_

3. Calculate  $88 - 44$

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### Vocab Check

Define the following mathematical word  
**"PRODUCT"**

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\_\_\_\_\_  
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