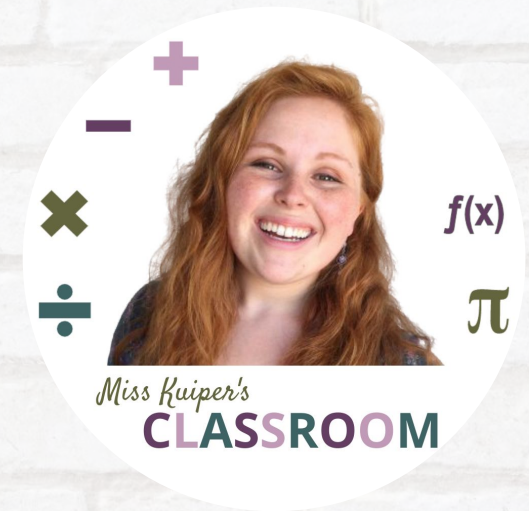


Thank you for previewing the Arithmetic Sequences Task Cards!

If you encounter an issue, whether a typo or a mathematical error or something else, PLEASE contact me and I will be more than happy to help sort it out. I want you to enjoy this product to the fullest. *You can email me here:*

johanna@misskuipersclassroom.com



Algebra 1 Activities

Free Resources

Printable Versions of the Task Cards

E

Use the sequence to answer the following prompts.

n	1	2	3	4
t(n)	4	8	12	16

- Identify the common difference.
- Write the equation that represents the sequence.
- Find $t(0)$.

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A

Use the sequence to answer the following prompts.

$-4, -1, 2, 5, \dots$

- Identify the common difference.
- Write the equation that represents the sequence.
- Find the 8th term (a_8).

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Digital Versions of the Task Cards

Arithmetic Sequences
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Arithmetic Sequences: Part 1

Email *
Your email _____

Helpful Hints

Term 0 Term 1 Term 2 Term 3 Term 4
-8, -4, 0, 4, ...

Number before the sequence begins is called Term 0.

Common Difference:
+ 4

Equation: $t(n) = \text{---}n + \text{---}$

Common Difference Term 0

Equation: $t(n) = 4n + -12$ OR $t(n) = 4n - 12$
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What is the definition for common difference? 1 point

- the number in-between each of the numbers in an arithmetic sequence
- the difference between consecutive terms in an arithmetic sequence
- the number multiplied times each term to get the next term

Use this image to answer the next 3 questions.

E Use the sequence to answer the following prompts.

n	1	2	3	4
t(n)	4	8	12	16

a. Identify the common difference.
b. Write the equation that represents the sequence.
c. Find t(0).

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a. Identify the common difference. 1 point

Teacher Guide

- These task cards can be printed and cut into individual task cards. For durability, laminate each card after printing and cutting them out.
- They can be used full size for digital warm-ups or practice in class.

Want a free task card recording sheet? [Download one here!](#)

To read more about how to use task cards in your classroom, visit my blog!

[Five Ways to Use Task Cards](#)

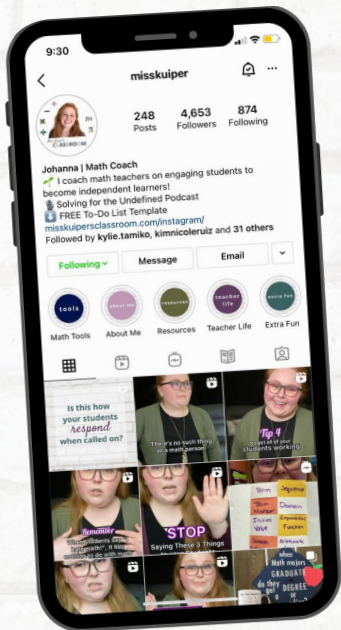
Five Engaging Ways to use
Task Cards

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What Next?

You can read about how to reach your low-level learners and build them up to grade-level!



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Undefined