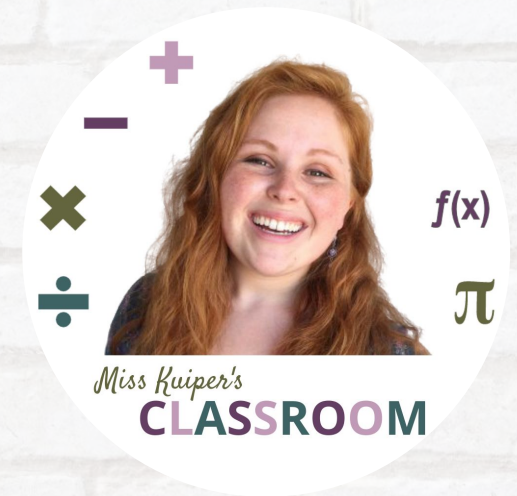


Thank you for downloading the Translation of a Shape Set!

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

Front Sides of the Worksheets

{Translations of a Shape #3} Name: _____ Period: _____

1. Translate the shape left 4 and down 5.

2. Translate the shape $(x, y) \rightarrow (x + 9, y + 10)$.

3. Translate the shape $(x, y) \rightarrow (x - 12, y - 3)$.

Pre-Image Image

A: A':

B: B':

C: C':

D: D':

4. What is the algebraic rule for t

{Translations of a Shape #2} Name: _____ Period: _____

1. Translate the shape right 6 and down 7.

2. Translate the shape left 10 and up 2.

3. Translate the shape $(x, y) \rightarrow (x - 5, y + 8)$.

Pre-Image Image

A: A':

B: B':

C: C':

4. What is the algebraic rule for t

{Translations of a Shape #1} Name: _____ Period: _____

1. Translate the shape left 4 and down 5.

2. Translate the shape right 2 and up 5.

3. Translate the shape right 7 and down 4.

Pre-Image Image

A: A':

B: B':

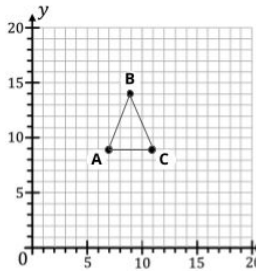
C: C':

4. How does each of these sha

The worksheets gradually go from a description of the translation to the algebraic rule.

Backsides of the Worksheets

5. Translate each of these shapes across the graph. Then create an algebraic rule to show how you moved it.

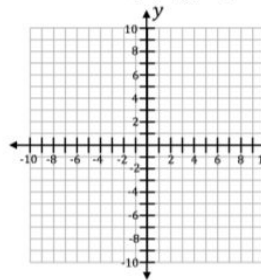


For each of these problems, create a shape and translate it on the coordinate plane according to the give instructions.

5. Translate the shape $(x, y) \rightarrow (x + 7, y - 8)$

6. Translate the shape $(x, y) \rightarrow (x - 10, y - 4)$

7. Translate the shape $(x, y) \rightarrow (x + 5, y + 6)$



Pre-Image

A:
B:
C:

Image

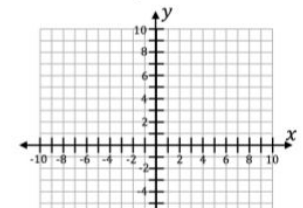
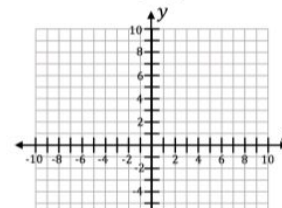
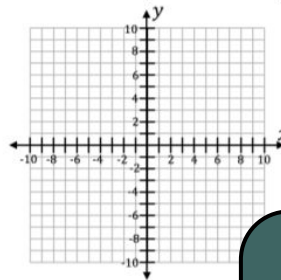
A':
B':
C':

For each of these problems, create a shape and translate it on the coordinate plane according to the give instructions.

5. Translate the shape left 16 and up 8.

6. Translate the shape right 5 and down 11.

7. Translate the shape left 9 and down 10



Pre-Image

A:
B:
C:

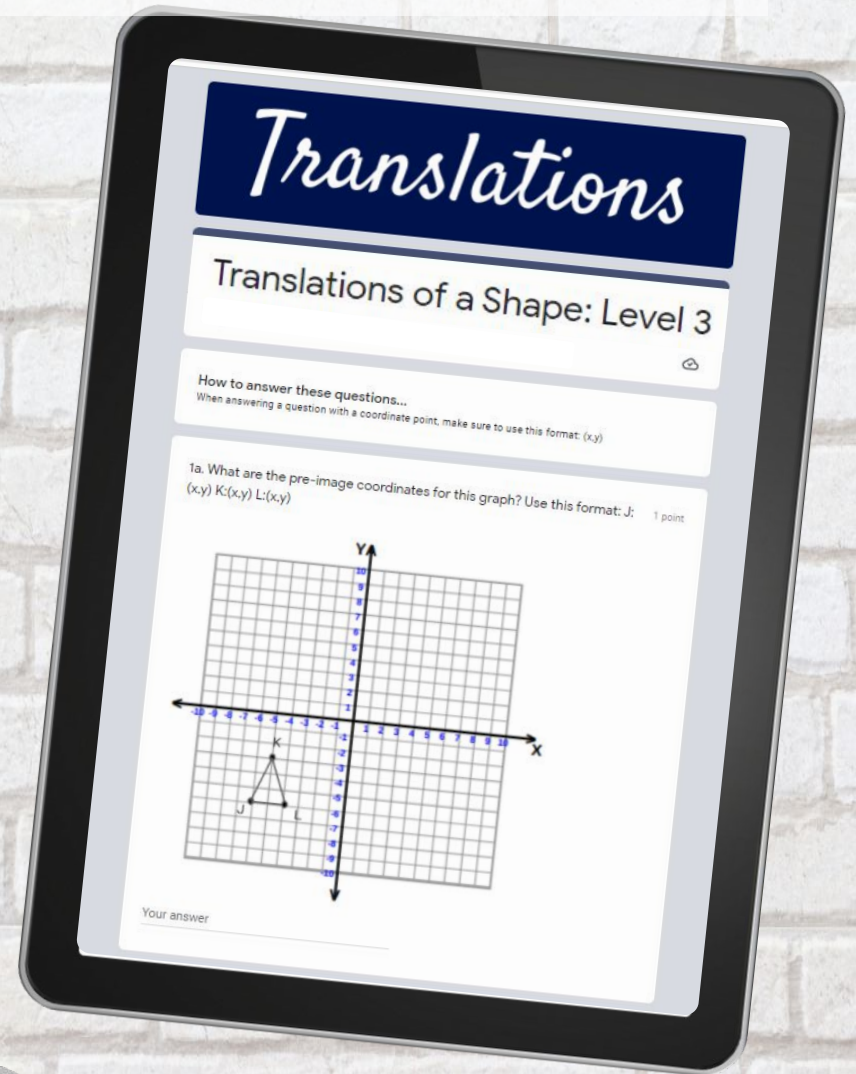
Image

A':
B':
C':

Each worksheet is double-sided. The back has open-ended questions to help students dive deep in truly mastering translations.

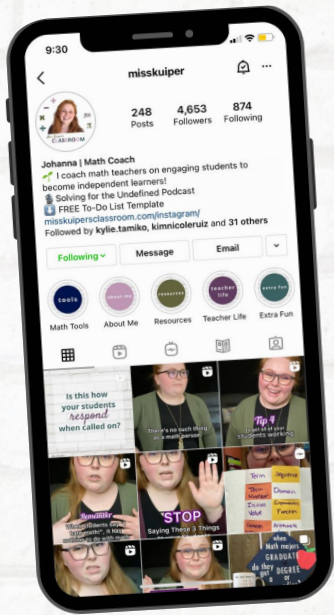
Includes 3 Google Forms

The Google Forms has different questions to allow for extra practice or homework.

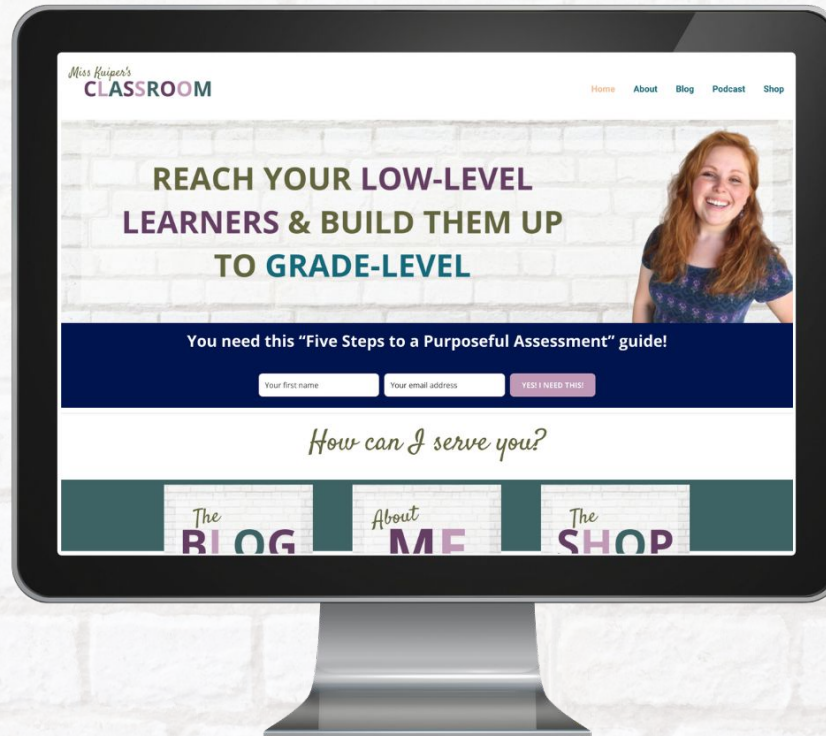


What Next?

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



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I share daily actionable tips for math teachers



Listen to my podcast:
Solving for the Undefined