

Thank you for downloading the Geometric Translations Dice Boards!

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

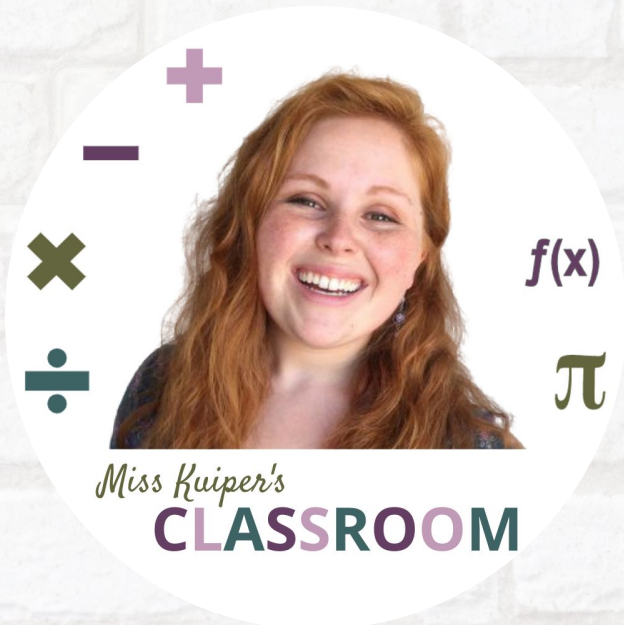


For more fun activities
[visit my TpT here](#)

8th Grade Math Activities

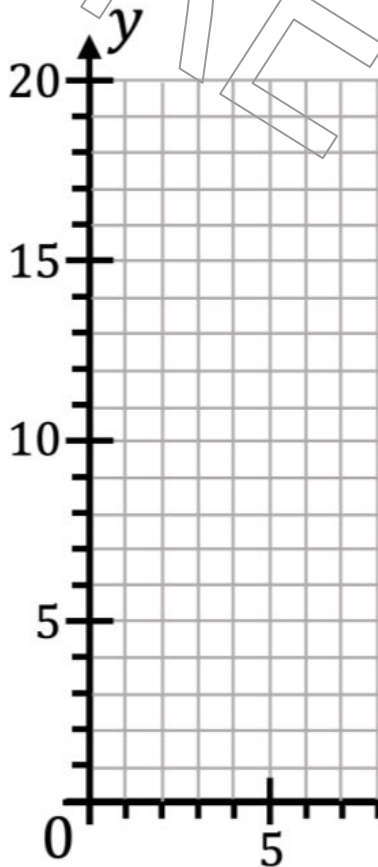
Algebra 1 Activities

Free Resources



Roll the dice to determine the numbers for the algebraic rule. Then translate the shape on the graph and record the image's coordinates.

$$(x, y) \rightarrow (x - \square, y + \square)$$

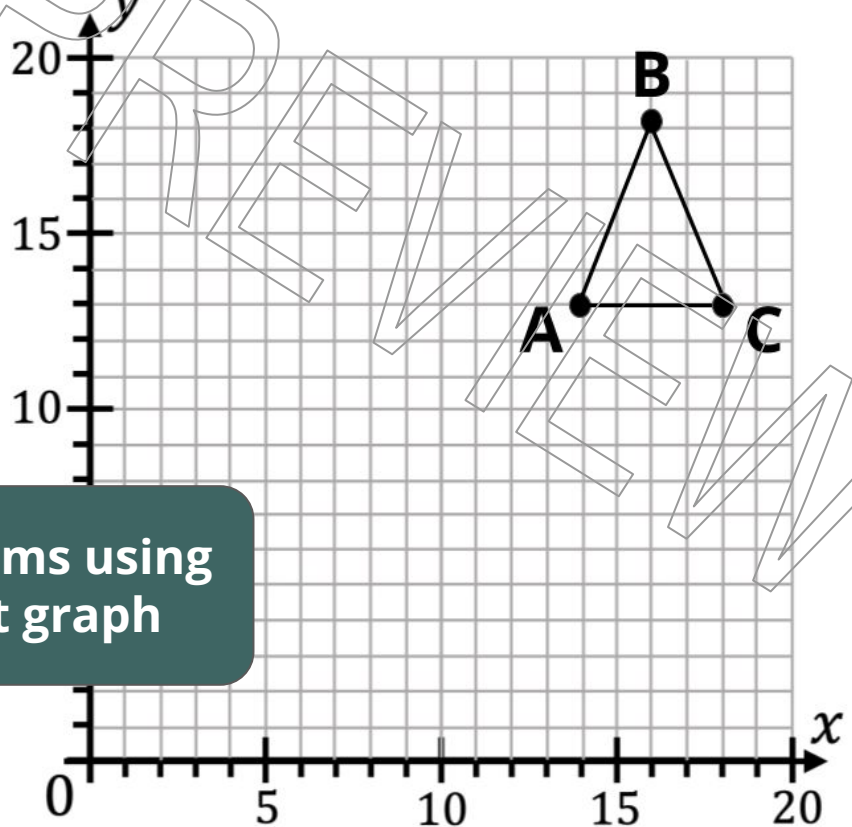


E' () F' ()

Interactive practice for students learning how to translate a shape across a coordinate plane.

Roll the dice to determine the numbers for the algebraic rule. Then translate the shape on the graph and record the image's coordinates.

$$(x, y) \rightarrow (x - \square, y - \square)$$

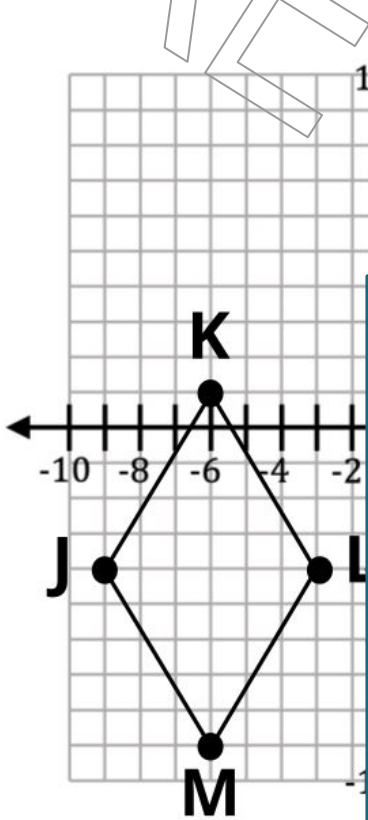


A' () B' () C' ()

Includes 4 problems using a one quadrant graph

Roll the dice to determine the numbers for the algebraic rule. Then translate the shape on the graph and record the image's coordinates.

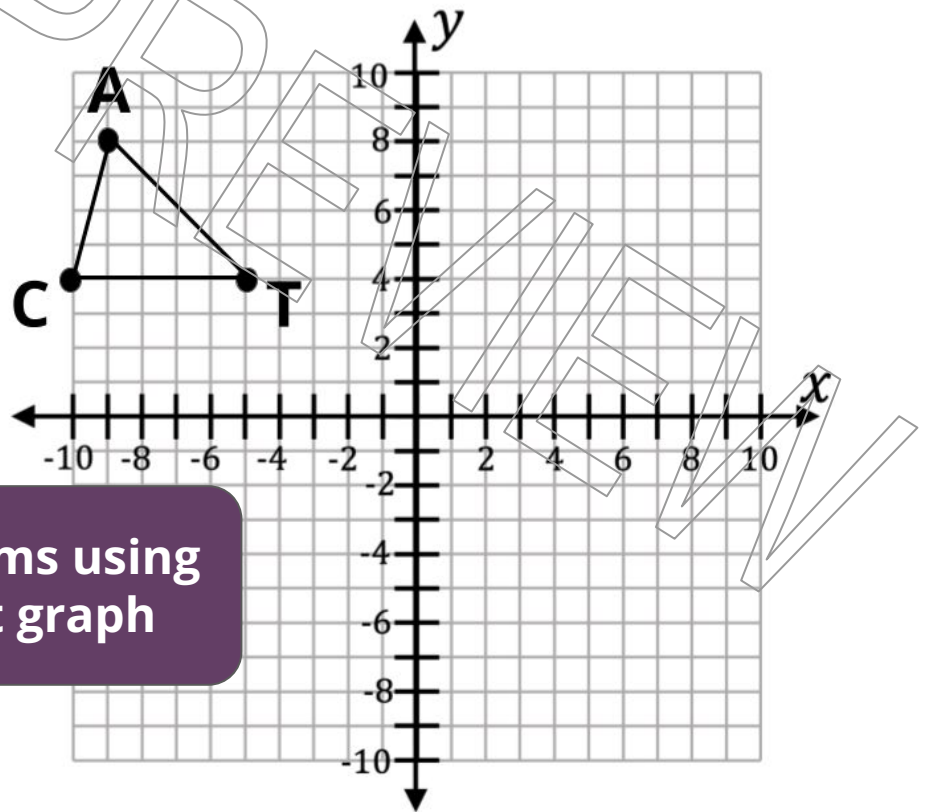
$$(x, y) \rightarrow (x + \square, y + \square)$$



J'() K'()

Roll the dice to determine the numbers for the algebraic rule. Then translate the shape on the graph and record the image's coordinates.

$$(x, y) \rightarrow (x + \square, y - \square)$$



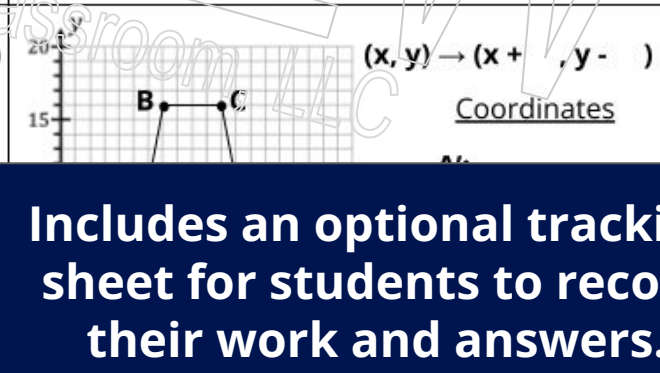
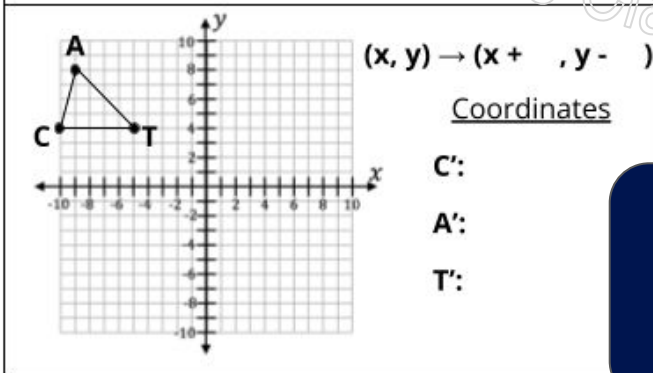
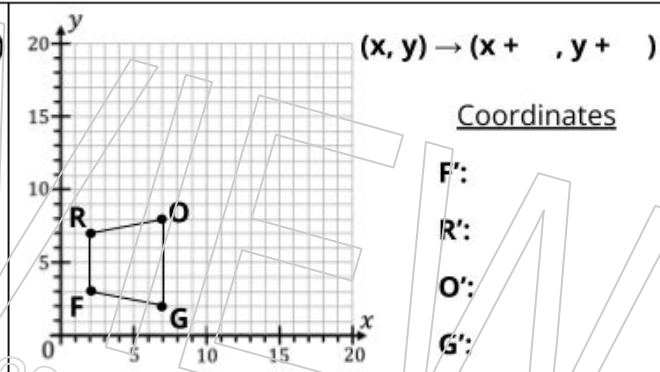
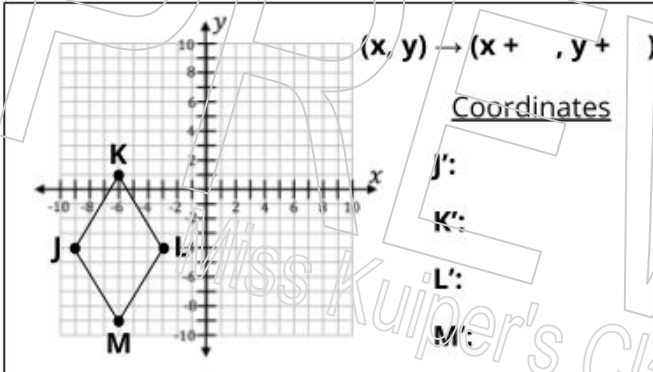
C'() A'() T'()

Includes 4 problems using a four quadrant graph

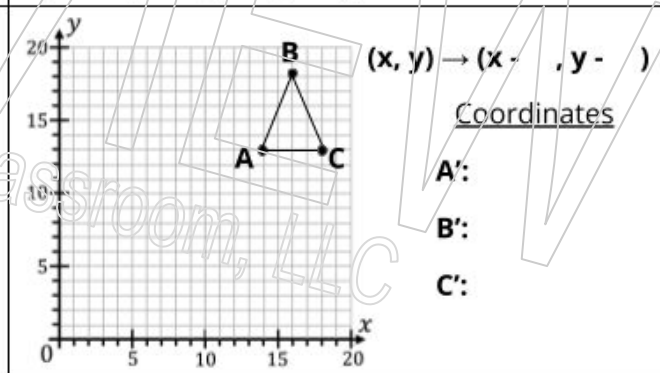
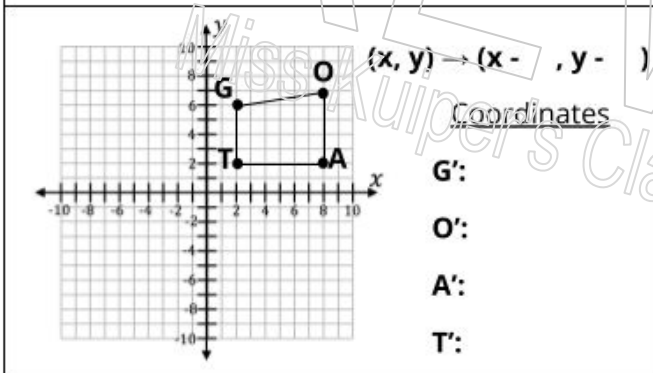
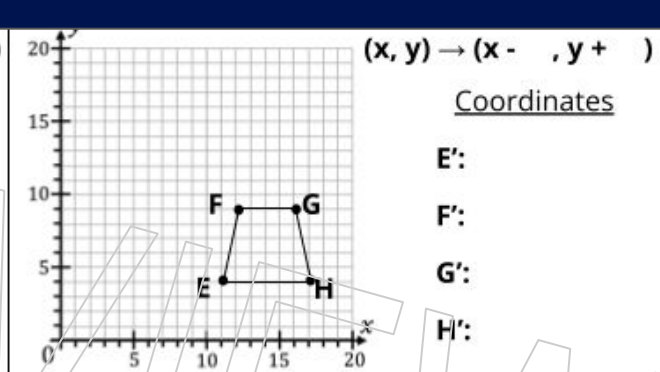
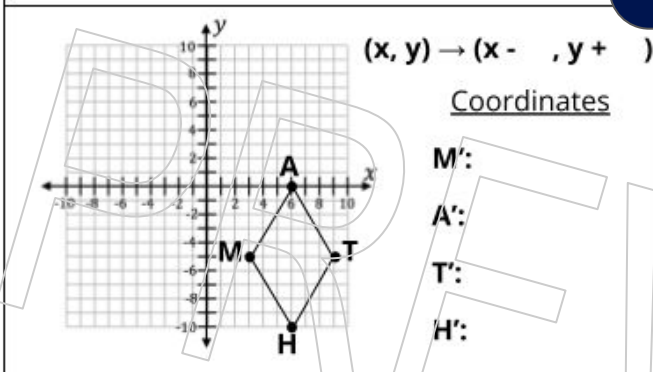
{Translations of a Shape}

Name: _____ Period: _____

Learning Target: I can translate a shape across a graph using an algebraic rule and record the coordinates of the image.

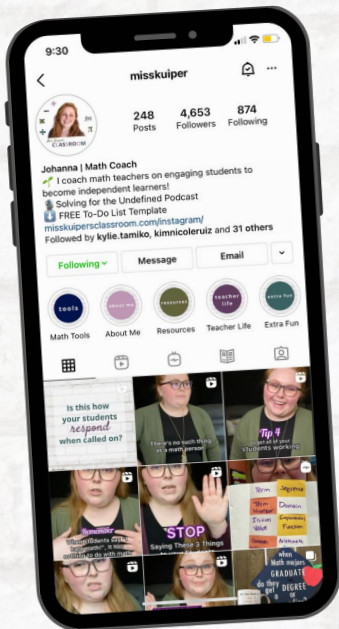


Includes an optional tracking sheet for students to record their work and answers.



What's Next?

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



Find me on Instagram!
I share daily actionable
tips for math teachers

Listen to my podcast:
Solving for the
Undefined