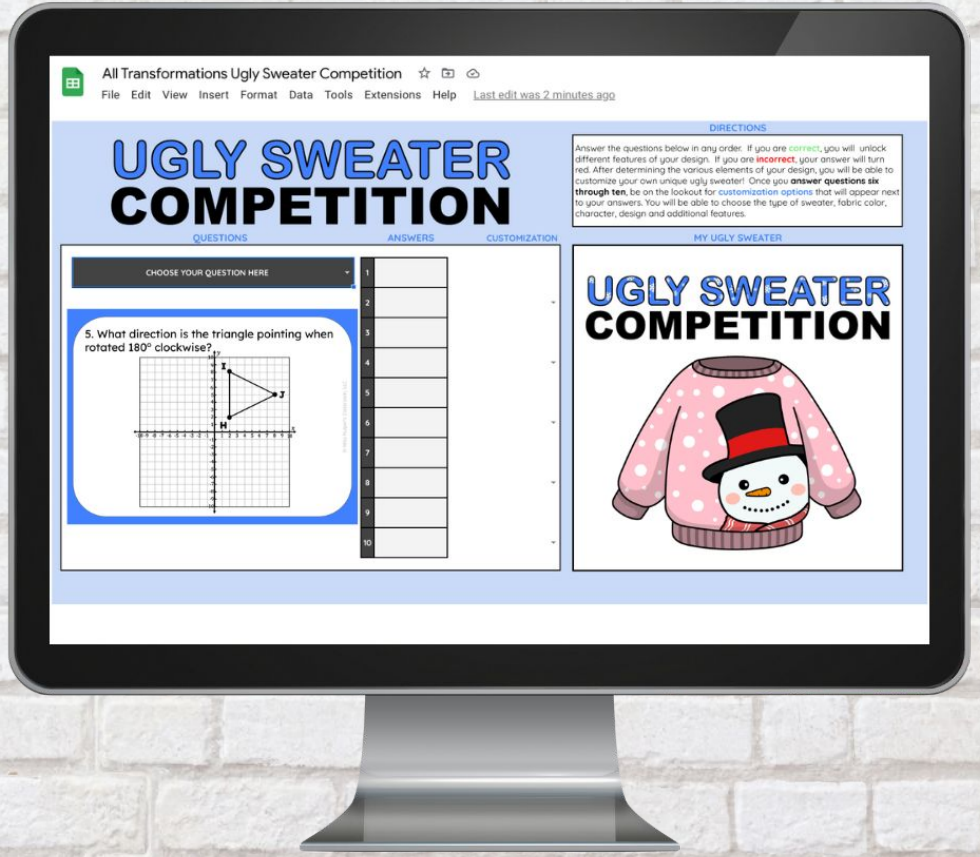
Transformations Activity

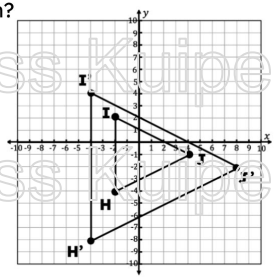
1. **Students solve 10 transformation questions.**
2. **Each correct answer unlocks a piece of the sweater creation.**
3. **If a student answers incorrectly, the answer box will turn red.**



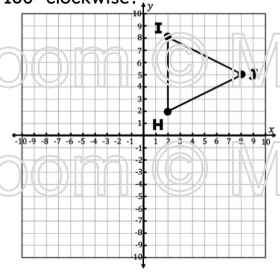
Miss Kuiper's CLASSROOM

The problems are about single transformations: translations, reflections, rotations, and dilations. I created them with the intention to help students think flexibly about transformations. Check out some of the problems:

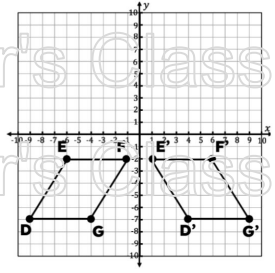
6. What is the scale factor used for this dilation?



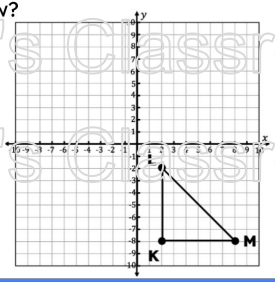
5. What direction is the triangle pointing when rotated 180° clockwise?



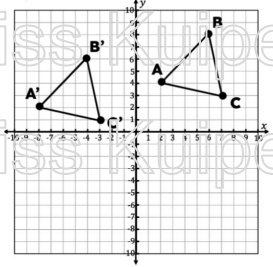
4. What type of reflection is this?



8. When K is translated (x-5, y+5), where is it now?



2. Describe how the shape has been translated using (x±#, y±#) notation.



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