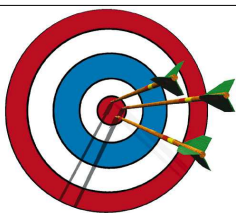


Unit 3 - Transformations: 3.5



Properties of Transformations

Today's Learning Targets:

3.5 I can verify that after rigid motion, that lines and line segments remain the same length, corresponding angles have the same measure, and parallel lines remain parallel.

RIGID MOTIONS

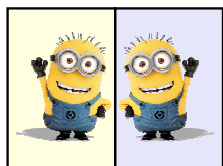
(_____)

A rigid motion moves a figure in some way without changing the shape or size.

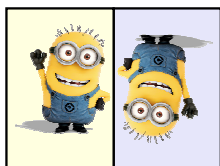
1. _____
2. _____
3. _____

Identify the Transformation

- Translation (Slide),
 - Rotation (Turn)
 - Reflection (Flip)
- } or a combination of several



Pre-Image Image

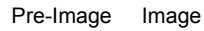
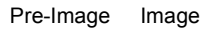


Pre-Image Image

[illegible]

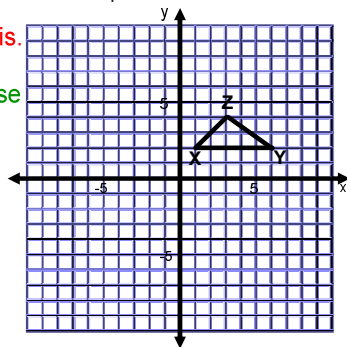
- Translation (Slide),
- Rotation (Turn)
- Reflection (Flip)

} or a combination of several



A) Reflect over the x-axis.

C) $(x,y) \rightarrow (x-3, y)$



1. _____

2. _____

