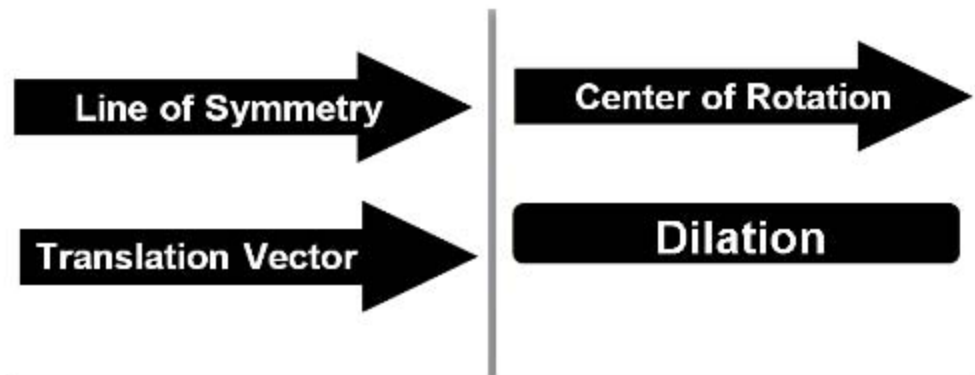


Scavenger Hunt for Transformations

Working in a group find a real world example of the following transformations:

- Translation
- Reflection
- Rotation
- Dilation



Scavenger Hunt for Transformations

Working in a group find a real world example of the following transformations:

Translation

Reflection

Rotation

Dilation

Take a photo of your example. Included in the photo should be one or two of the members of your group (how else will I know that the photos belong to your group!) as well as the label of the transformation involved. Every member of the group should be included in at least one of the photos.

- ♦ Reflection transformation: use the additional label for the location of the line of symmetry.
- ♦ Rotation transformation: use the additional label to indicate the location of the center of rotation.
- ♦ Translation transformation: use the additional label to state the transformation as well as the translation vector (use as much of the label as necessary to indicate the length of the vector).
- ♦ Dilation photo only needs label.

Preview your photos to be sure all key points are evident. You may submit 4 photos ONLY.

Scavenger Hunt for Transformations

(2 pts) Every member of the group is included in at least one of the photos. _____

♦ Reflection transformation

3 pts – correct depiction _____

1 pt – used the label/and used correctly _____

♦ Rotation transformation:

3 pts – correct depiction _____

1 pt – used the label/and used correctly _____

♦ Translation transformation

3 pts – correct depiction _____

1 pt – used the vector/and used correctly _____

♦ Dilation transformation

3 pts – correct depiction _____

1 pt – used the label

Inclusion of a unique photo:

2 pts _____

Total / 20 pts: