Reflection

Students have said "flip" across a line

Teachers provided this definition

A reflection of a set of points in a plane . . .

• moves points across a specified line of reflection so that the line of reflection is the perpendicular bisector of each line segment connecting corresponding pre-image and image points

But here it is in a picture:



So 90° and bisector – means the line of reflection is a <u>Perpendicular Bisector</u>

Translations

The students call this a slide – movement along the x and y only

A translation of a set of points in a plane . . .

• moves points the same distance and direction along lines that are parallel to each other



Rotation

Students say to turn it

Teacher provided this definition as well

• moves points the same direction along concentric circles and through the same angle of rotation



X.

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