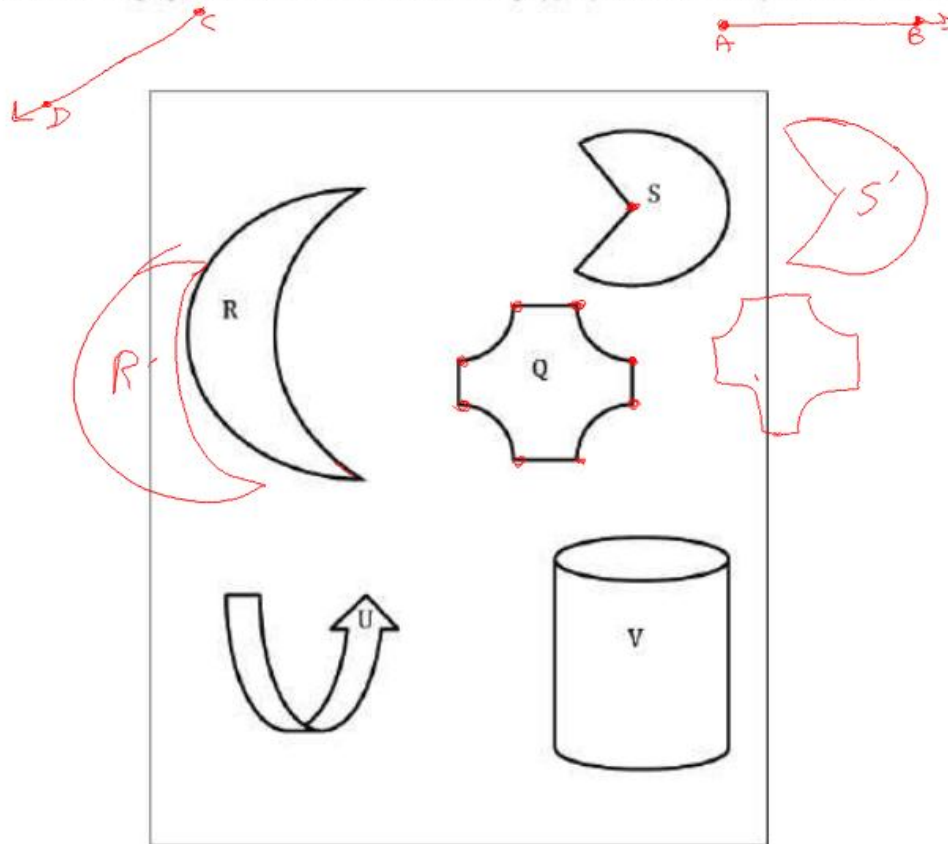


Lesson 2: Definition of Translation and Three Basic Properties

Classwork

Exercise 1

Draw at least three different vectors, and show what a translation of the plane along each vector will look like. Describe what happens to the following figures under each translation using appropriate vocabulary and notation as needed.



- Translate figure "S" along vector \vec{AB} (to the right)
- Translate "Q" along \vec{AB} (to the right)
- Translate "R" along \vec{CD} (down + to the left)

Exercise 2

The diagram below shows figures and their images under a translation along \overrightarrow{HI} . Use the original figures and the translated images to fill in missing labels for points and measures.

