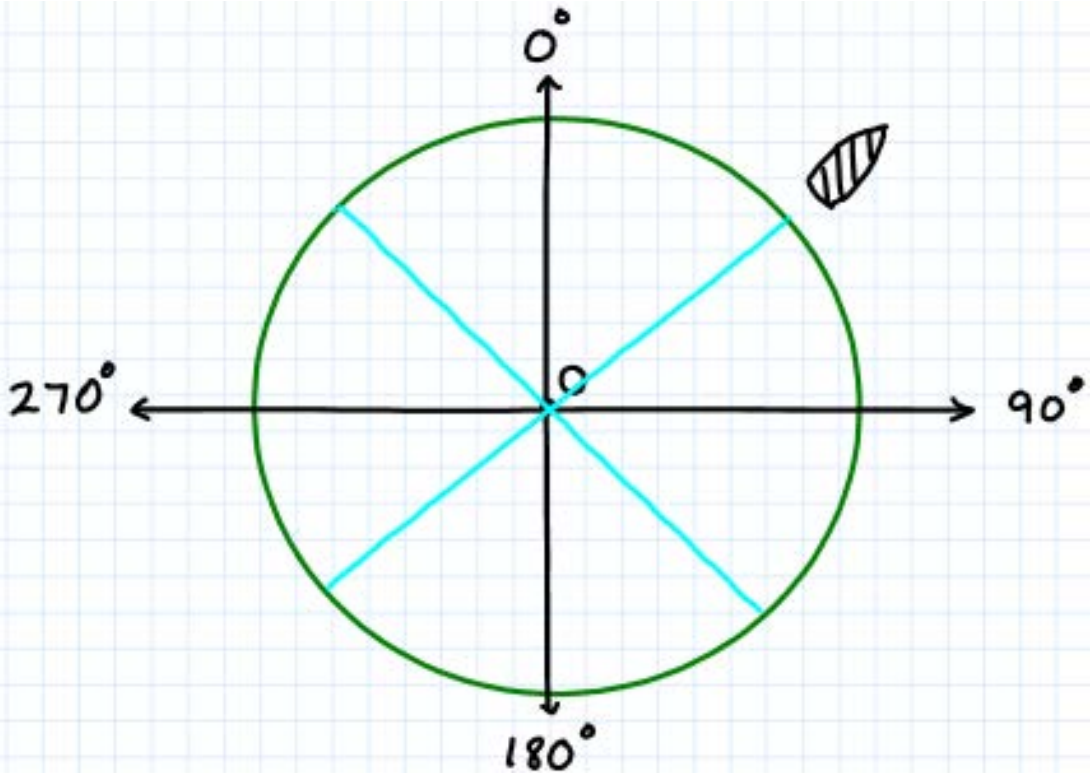
Rotations and Dilations 8.2

Overview of Problems

Example Set: A

Sketch the rotation of the image from its current location:

1. $\boldsymbol{R_O, 45°}$
2. $\boldsymbol{R_O, 270°}$
3. $\boldsymbol{R_O, 540°}$
4. $\boldsymbol{R_O, -90°}$
5. $\boldsymbol{R_O, -360°}$
6. $\boldsymbol{R_O, -405°}$



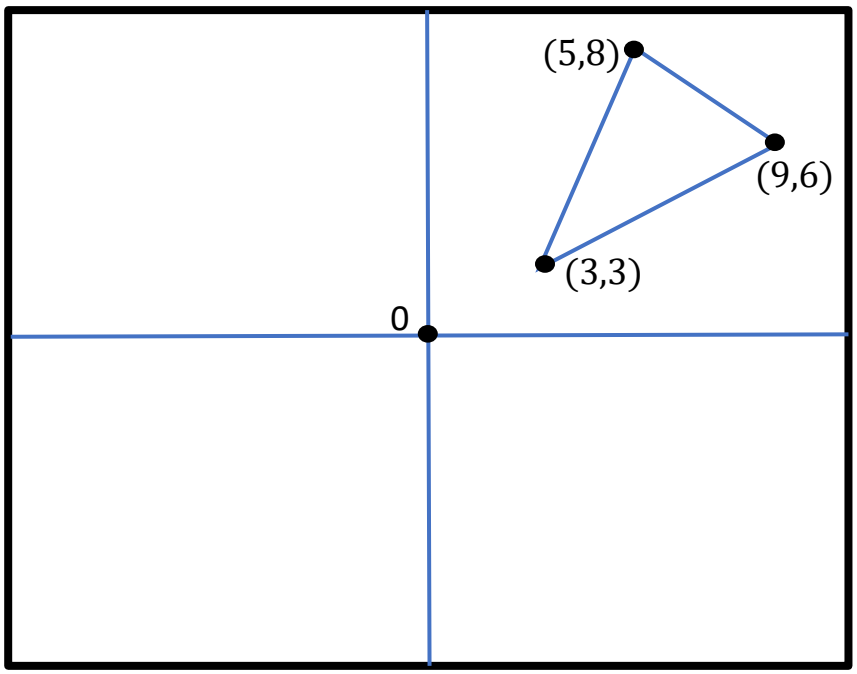
Rotations and Dilations 8.2

Overview of Problems

Example Set: B

Draw the rotations of the image on graph paper:

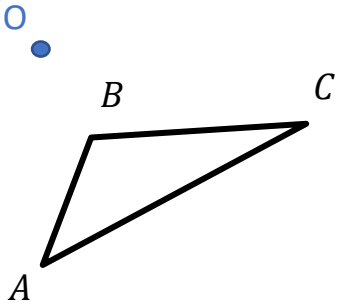
1. R_o **90**
2. R_o **− 180**



Example Set: C

Sketch the dilation of each image:

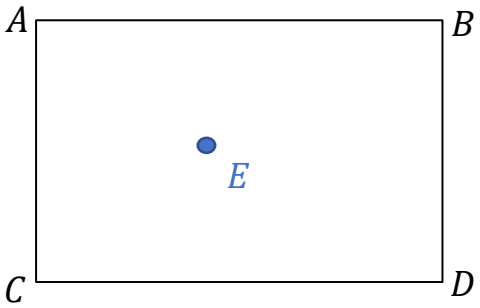
1. D_o, **2**



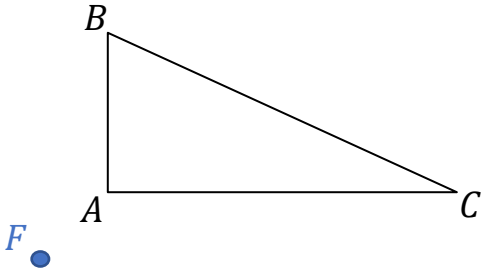
Rotations and Dilations 8.2

Overview of Problems

2. $\boldsymbol{D_{E,\frac{1}{2}}}$



3. $\boldsymbol{D_{F,-1}}$



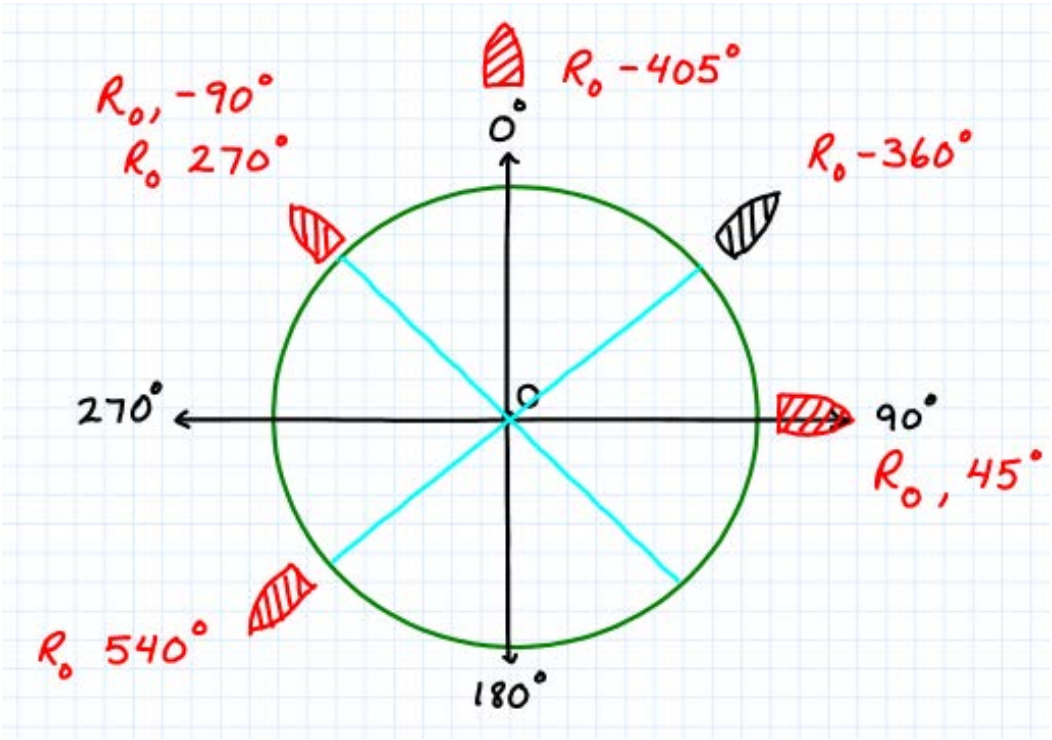
Rotations and Dilations 8.2

Overview of Problems

*Example Set: A -**ANSWER KEY***

Sketch the rotation of the image from its current location:

1. $\boldsymbol{R_o, 45°}$
2. $\boldsymbol{R_o, 270°}$
3. $\boldsymbol{R_o, 540°}$
4. $\boldsymbol{R_o, -90°}$
5. $\boldsymbol{R_o, -360°}$
6. $\boldsymbol{R_o, -405°}$



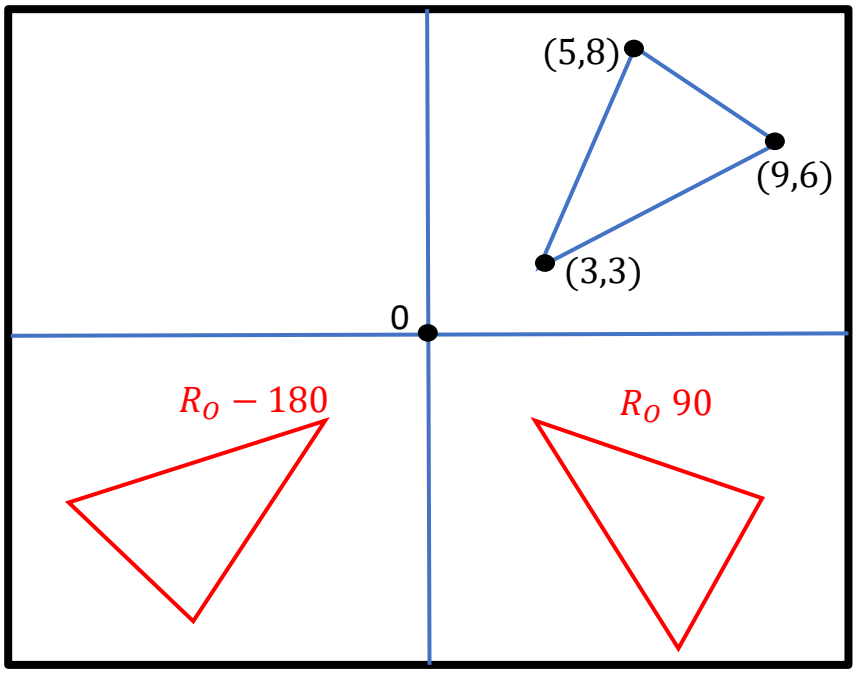
Rotations and Dilations 8.2

Overview of Problems

*Example Set: B- **ANSWER KEY***

Draw the rotations of the image on graph paper:

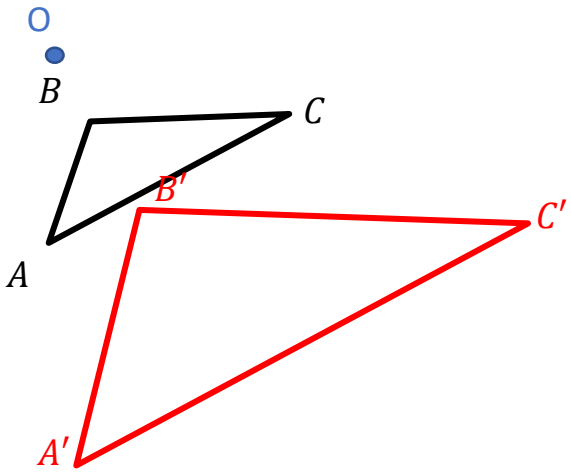
1. R_o **90**
2. R_o **− 180**



*Example Set: C-**ANSWER KEY***

Sketch the dilation of each image:

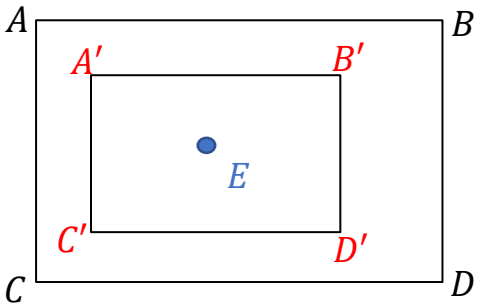
1. $D_o, 2$



Rotations and Dilations 8.2

Overview of Problems

2. $\boldsymbol{D_{E,\frac{1}{2}}}$



3. $\boldsymbol{D_{F,-1}}$