

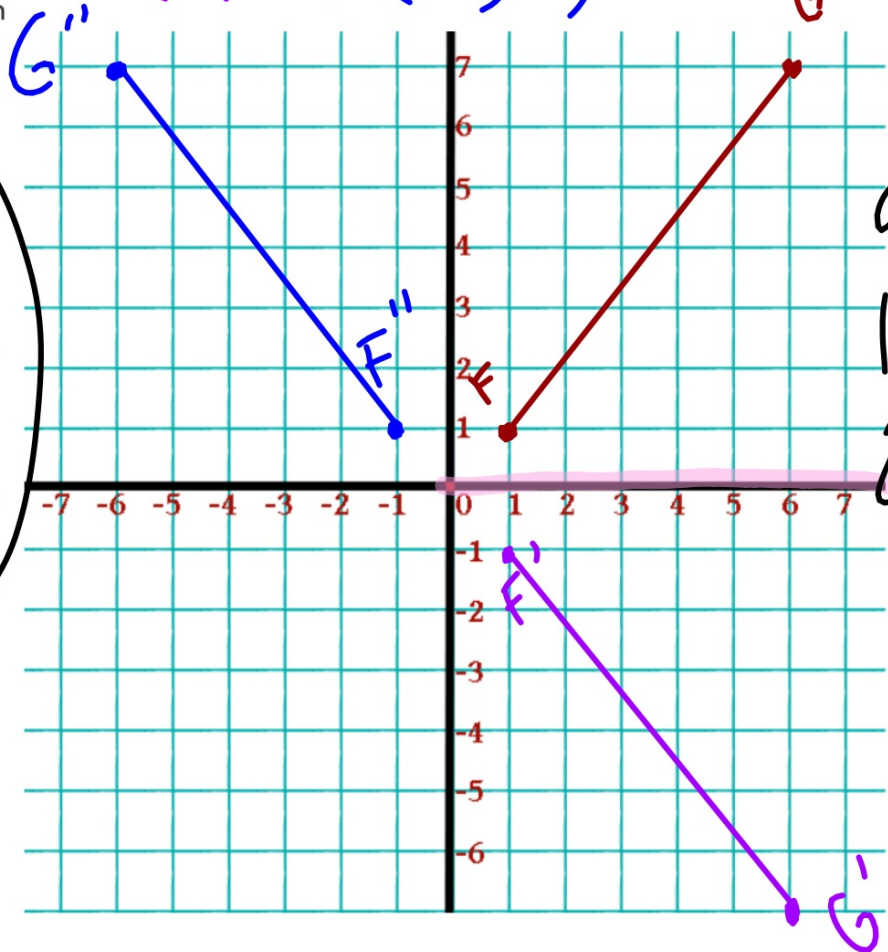
#8

$\overline{FG}$: $F(1, 1)$ and $G(6, 7)$

Reflection: in x-axis

Rotation: 180° about origin

$F'(1, -1)$ $(-1, 1)$



CCW
90
180
270

90 $-y, x$
180 $-x, -y$
270 $y, -x$
CCW

G' 6, -7
 G'' -6, 7

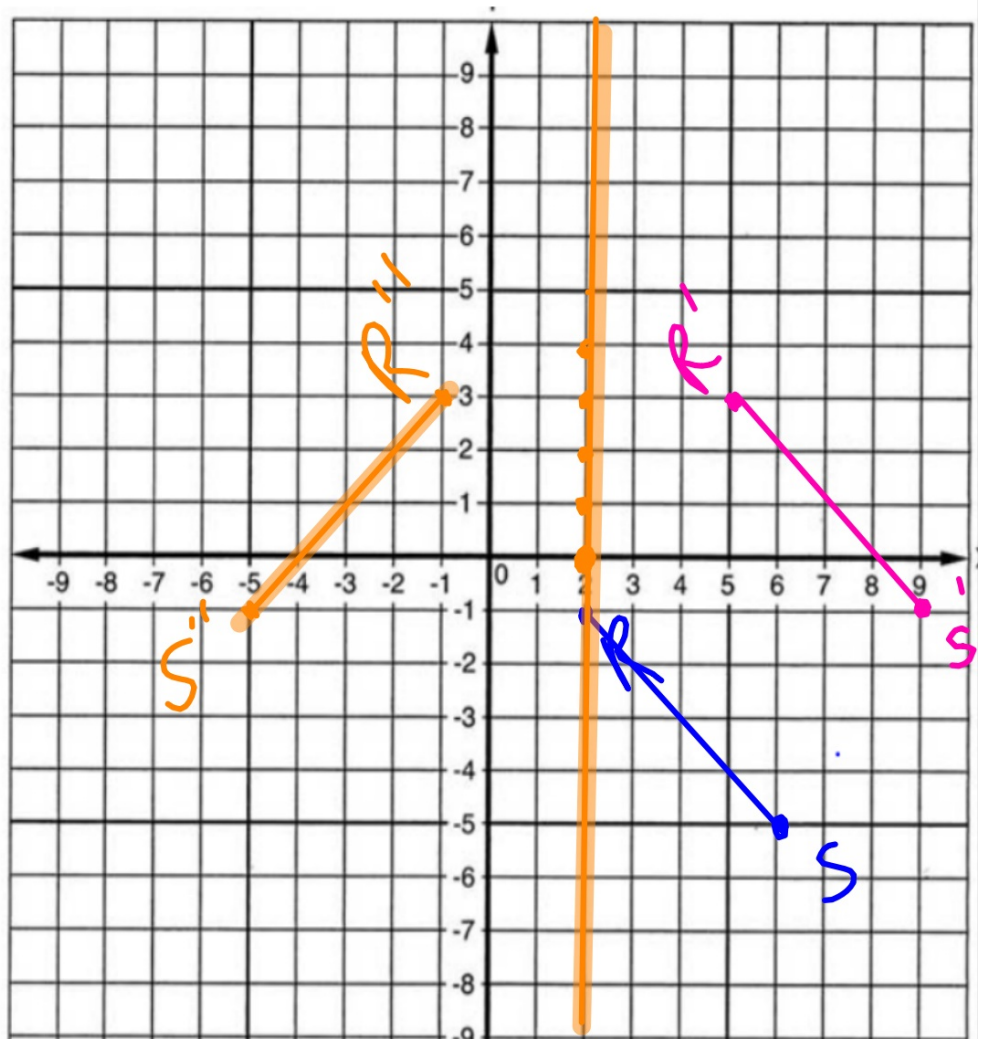
#9

$\overline{RS} : R(2, -1)$ and $S(6, -5)$

Translation: along $\langle 3, 4 \rangle$

Reflection: in $x = 2$

Slide
 $(x+3, y+4)$
Right 3
Up 4



#10 270° counter clockwise rotation about the origin followed by a translation along $\langle 2, -2 \rangle$

D: (0,2), E: (2,2), F (1,0)

D' 2,0 E' 2,2 F' 0,1

90° - y, x

180° -x, -y

270° y, -x

CCW

Step 1 flip
Step 2: sign

$(x+2, y-2)$

