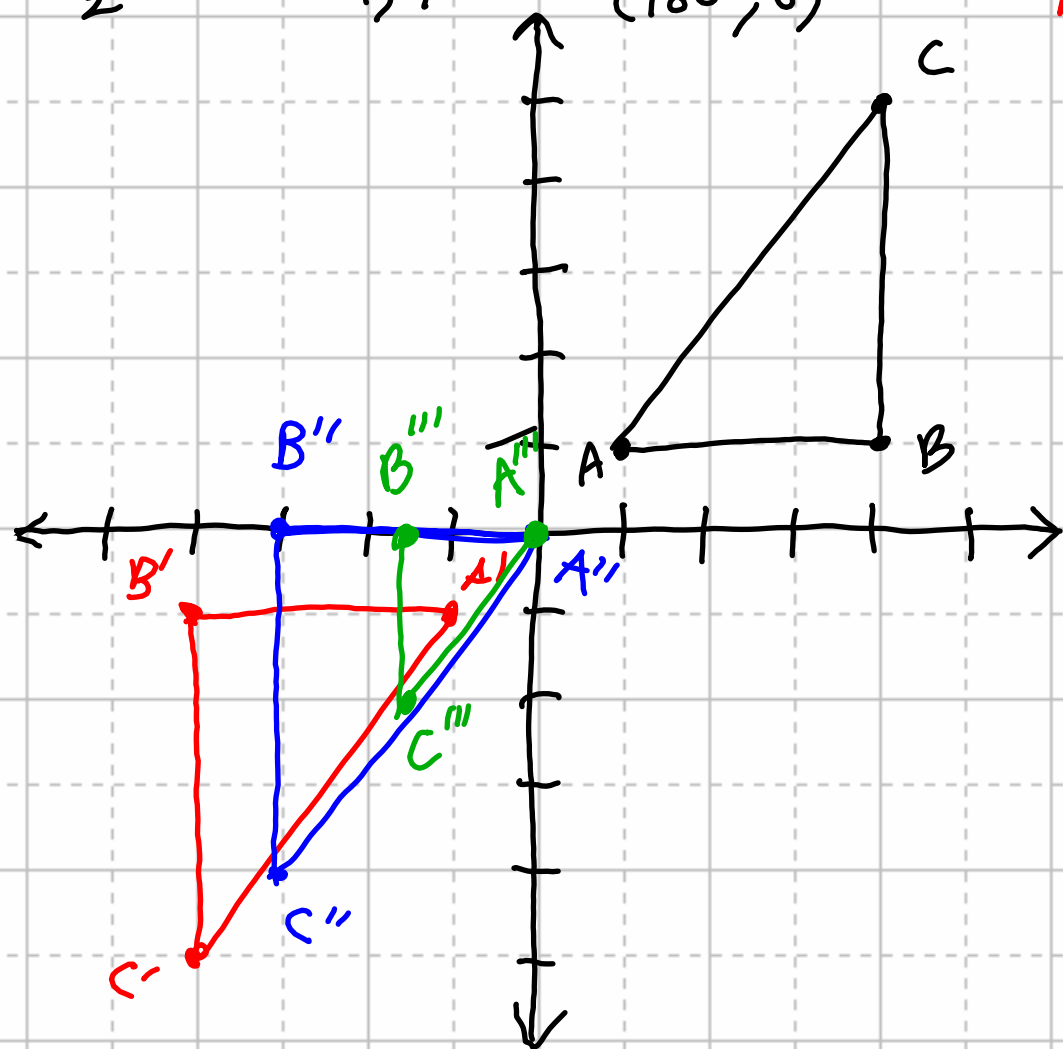


Composition of Transformations

→ read from right to left

EX → $A(1,1), B(4,1), C(4,5)$

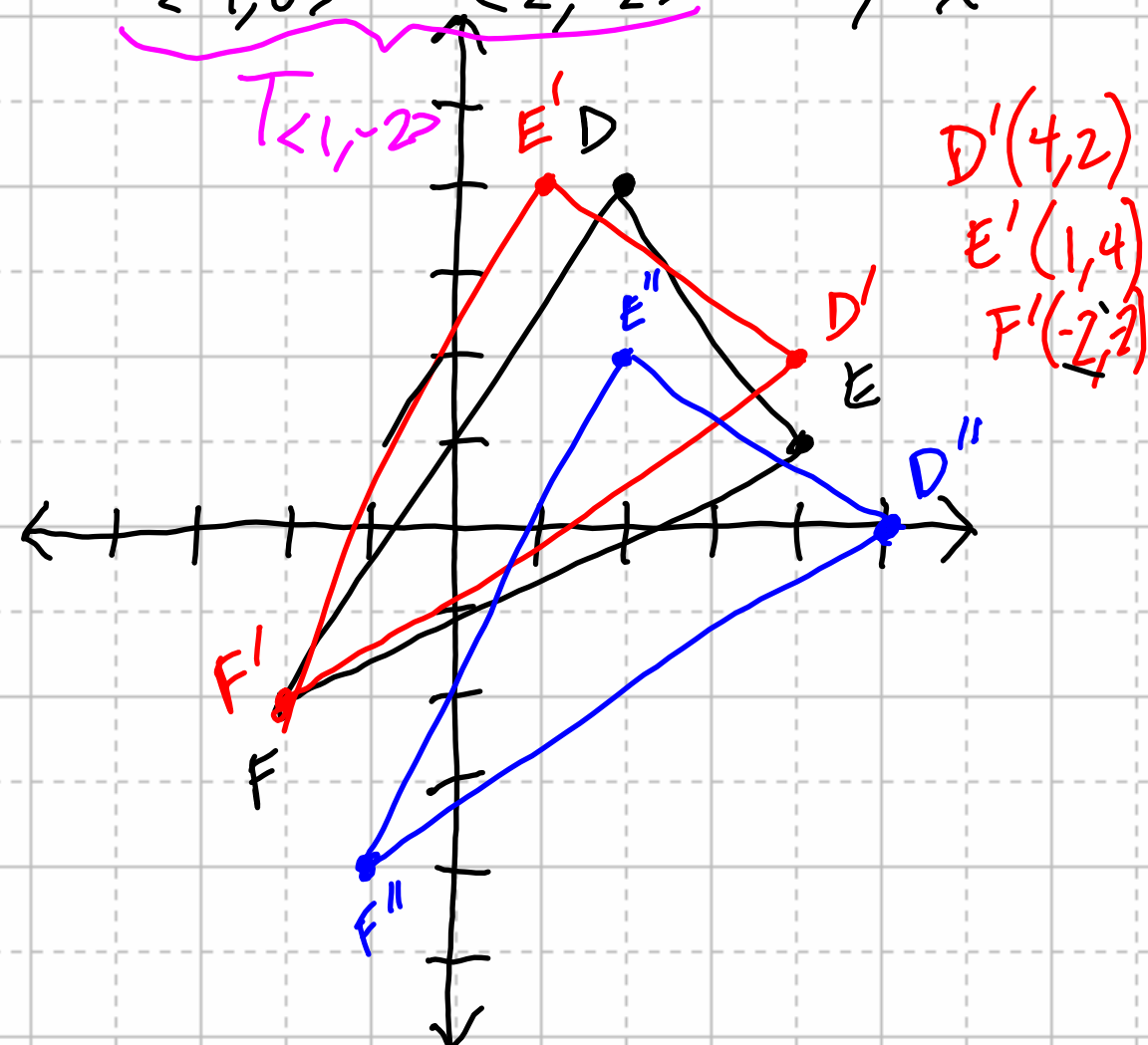
→ $D_{\frac{1}{2}} \circ T_{\langle 1,1 \rangle} \circ r_{(180^\circ, 0)}$



- $A'(-1,-1)$
- $B'(-4,-1)$
- $C'(-4,-5)$
- $A''(0,0)$
- $B''(-3,0)$
- $C''(-3,-4)$
- $A'''(0,0)$
- $B'''(-\frac{3}{2}, 0)$
- $C'''(-\frac{3}{2}, -2)$

EX → $D(2,4), E(4,1), F(-2,-2)$

→ $T_{\langle -1,0 \rangle} \circ T_{\langle 2,-2 \rangle} \circ R_{y=x}$



- $D'(4,2)$
- $E'(1,4)$
- $F'(-2,2)$