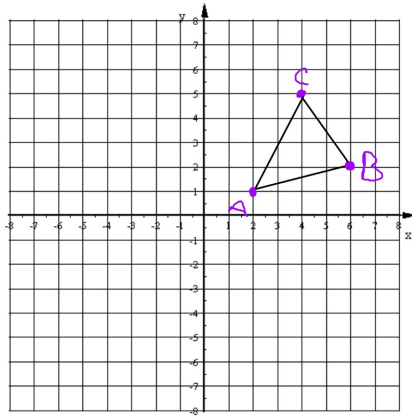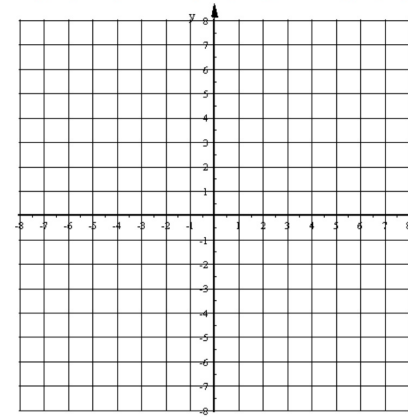Plot $\triangle ABC$ and reflect it over the y-axis

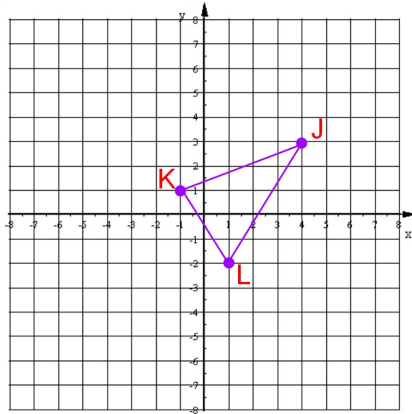$A(2,1)$ $B(6,2)$ $C(4,5)$

Plot $\triangle DEF$ and reflect it over the x - axis

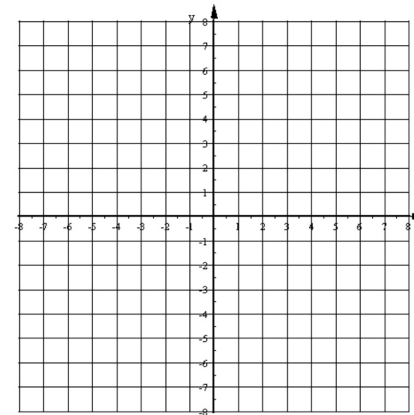$D(-6,-1)$ $E(-6,-5)$ $F(-1,3)$

Plot $\triangle JKL$ and reflect it over the the line $y = -2$
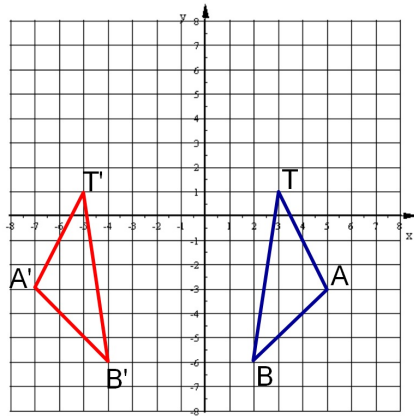
$J(4,3)$ $K(-1,1)$ $L(1,-2)$

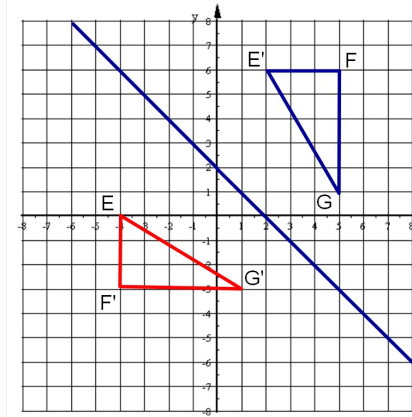Plot $\triangle PQR$ and reflect of the line $y = x - 2$

$P(1,1)$ $Q(-2,2)$ $R(4,-1)$

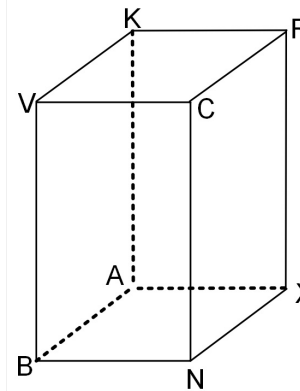## Find the equation for the Line of Reflection

Find the equation for the Line of Reflection

Parallel Lines: Lines that are Coplanar and do not intersect.

Skew Lines: Lines that are Noncoplanar and do not intersect.

1. Name a line that is parallel with $\overleftrightarrow{KR}$.

2. Name a line that is skew to $\overleftrightarrow{KR}$.