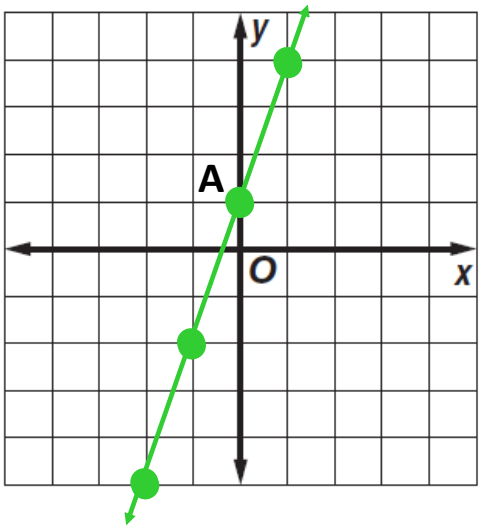
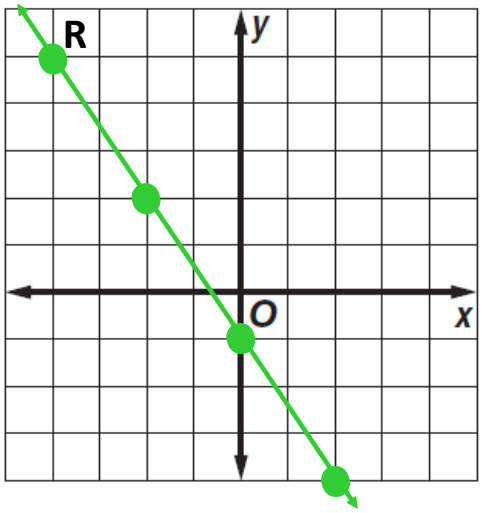
Graph the line that satisfies each condition.

slope $= 3$, contains $A(0, 1)$

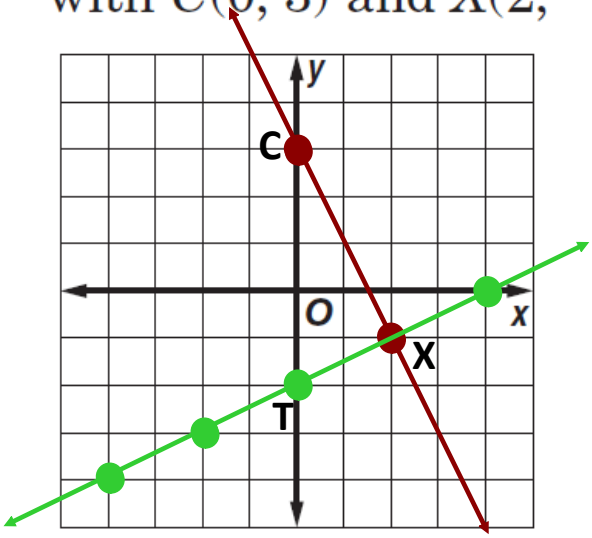


Graph all the points that can fit on the plane provided!

slope $= -\frac{3}{2}$, contains $R(-4, 5)$



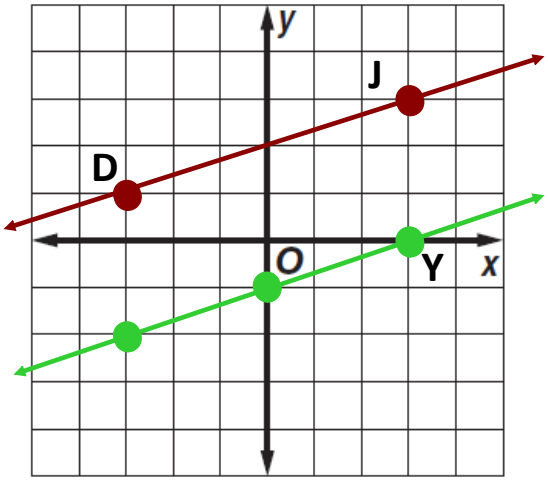
contains $T(0, -2)$, perpendicular to $\overleftrightarrow{CX}$ with $C(0, 3)$ and $X(2, -1)$



$m_{CX} = -2$

$m_{(perp)} = 1/2$

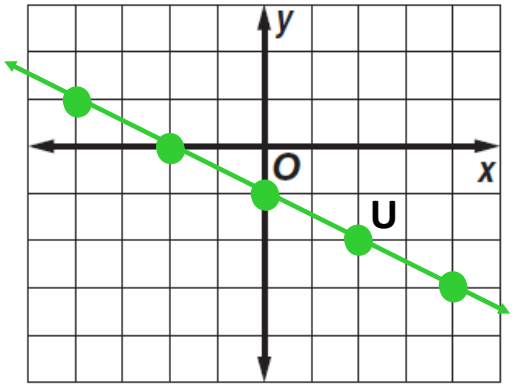
contains $Y(3, 0)$, parallel to $\overleftrightarrow{DJ}$ with $D(-3, 1)$ and $J(3, 3)$



$m_{DJ} = 2/6 = 1/3$

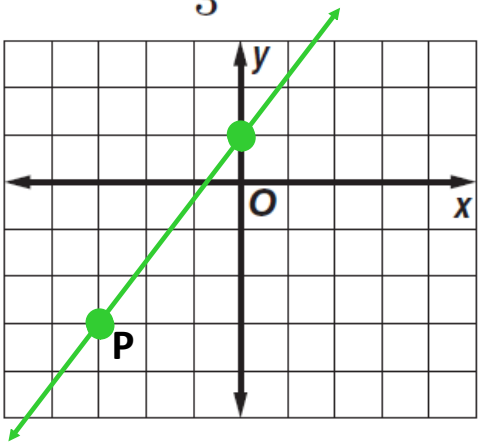
$m_{(para)} = 1/3$

slope $= -\frac{1}{2}$, contains $U(2, -2)$

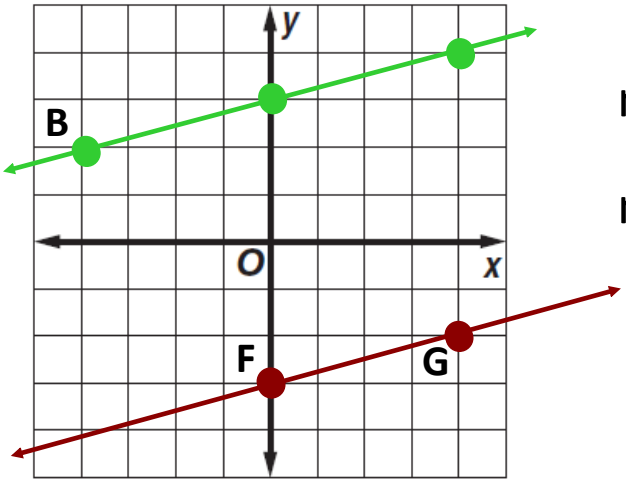


slope $= \frac{4}{3}$, contains $P(-3, -3)$

D



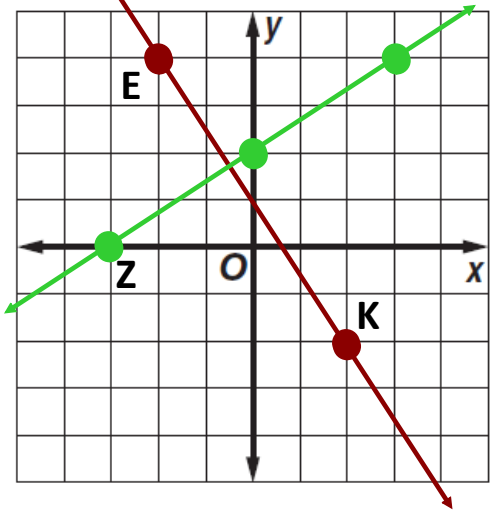
contains $B(-4, 2)$, parallel to $\overleftrightarrow{FG}$ with $F(0, -3)$ and $G(4, -2)$



$m_{FG} = 1/4$

$m_{(para)} = 1/4$

contains $Z(-3, 0)$, perpendicular to $\overleftrightarrow{EK}$ with $E(-2, 4)$ and $K(2, -2)$



$m_{EK} = -6/4 = -3/2$

$m_{(perp)} = 2/3$