

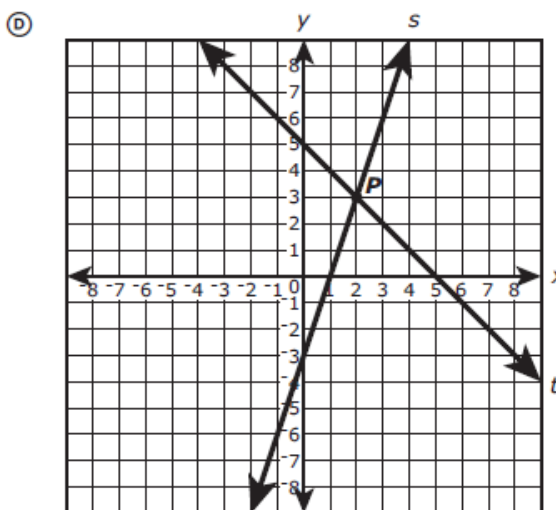
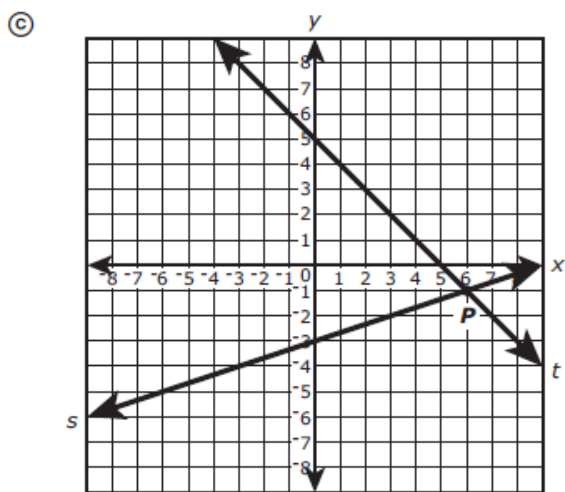
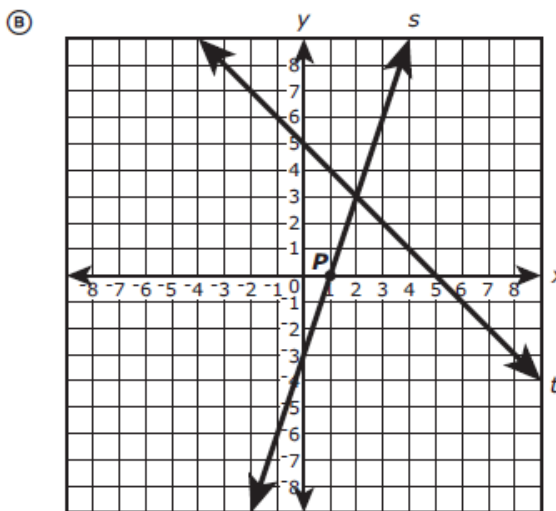
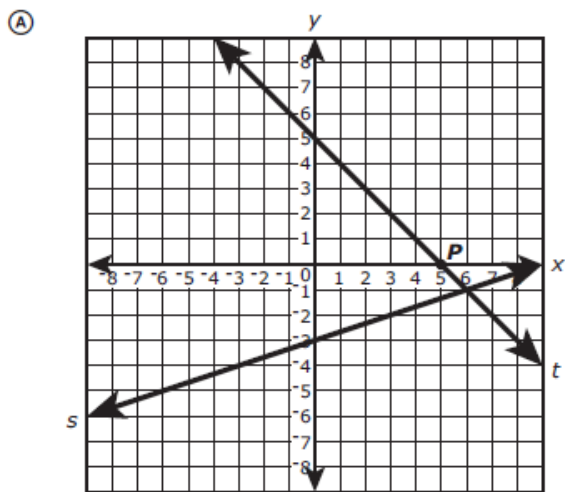
Systems of Equations ORQ

The equation of line *s* is $y = \frac{1}{3}x - 3$.

The equation of line *t* is $y = -x + 5$

The equations of lines *s* and *t* form a system of equations. **The solution to the system of equations is located at point *P*.**

Which graph correctly shows line *s*, line *t*, and point *P*?



For each graph, ON A SEPARATE PIECE OF PAPER, explain why the graph can or cannot be the correct one using complete sentences and proper mathematical language.