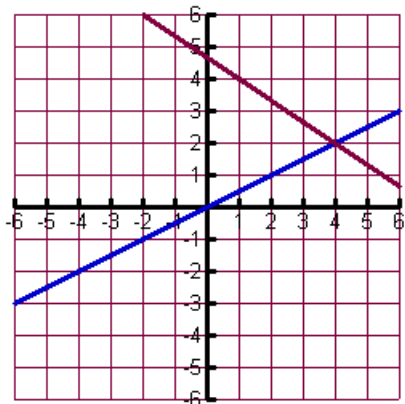


## Standard #9 Model Assessment Items

### Computational and Procedural Skills

1. Solve the system:  $\begin{cases} 2x + y = 6 \\ -3x - 2y = -15 \end{cases}$  by the substitution method.
2. Solve the system:  $\begin{cases} 3x + 5y = 18 \\ x - 2y = -5 \end{cases}$  by the elimination method.
3. Solve the system:  $\begin{cases} 2x - 3 = y \\ y - 2x = 1 \end{cases}$  by the method of your choice.
4. Solve the system:  $\begin{cases} x - 2y = 3 \\ 3x = 6y + 9 \end{cases}$  by the method of your choice.
5. What is the approximate solution to the system of linear equations graphed below?



6. Solve the system of inequalities  $\begin{cases} x + y < 7 \\ 2x - 3y \geq 12 \end{cases}$  graphically.
7. Solve the system of inequalities  $\begin{cases} x > 4 \\ y < 2 \end{cases}$  graphically