

Standard #9 Model Assessment Items

Computational and Procedural Skills

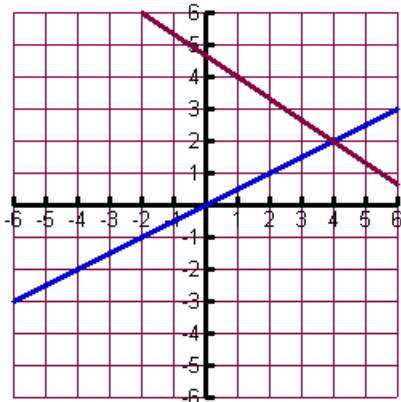
1. Solve the system: $\begin{cases} 2x + y = 6 \\ -3x - 2y = -15 \end{cases}$ by the substitution method.

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