

Chapter 5 Review

1. In your own words, write down first two steps for using substitution method.
2. In your own words, write down the steps for using the elimination (addition) method.
3. Solve by substitution for x first, then solve by substitution for y :

$$\begin{aligned}2x + y &= 7 \\ x - y &= 8\end{aligned}$$

4. Solve by eliminating x , then solve again by eliminating y :

$$\begin{aligned}x - 2y &= 3 \\ 3x &= 6y + 9\end{aligned}$$

5. Give two descriptions of a system of 2 linear equations that has:
(a) no solution. (b) a unique solution. (c) infinitely many solutions!