

Module 7 Lesson 1
Share 5 – 7 Possible Solutions

5. Verify.

LS	RS
$2x + y$	5
$= 2(4) + (-3)$	
$= 8 - 3$	
$= 5$	

$$\text{LS} = \text{RS}$$

LS	RS
$x - 2y$	10
$= (4) - 2(-3)$	
$= 4 + 6$	
$= 10$	

$$\text{LS} = \text{RS}$$

6. The values that are used to verify are the coordinates of the points of intersection. They are substituted into the original equations since those are the equations that must be satisfied in order to be the correct solution. An intermediate equation should not be substituted in the process in case an error was made in obtaining such equations.
7. If the point of intersection did not occur at a lattice point on the coordinate plane, then you would have to estimate the solution.