5.2

SOLVING SYSTEMS OF LINEAR EQUATIONS BY SUBSTITUTION (DAY 2)

Tell which equation you would choose to solve for one of the variables when solving the system by substitution. Explain your reasoning.

7. $2x + 3y = 5$

$4x - y = 3$

8. $\frac{2}{3}x + 5y = -1$

$x + 6y = 0$

9. $2x + 10y = 14$

$5x - 9y = 1$

13. $4x - 2y = 14$

$$y = \frac{1}{2}x - 1$$

14. $2x = y - 10$

$x + 7 = y$

15. $8x - \frac{1}{3}y = 0$

$12x + 3 = y$

19) $x + 4y = 14$

$3x + 7y = 22$