

Integrated Algebra Practice: A.A.10 #1

www.jmap.org

NAME: _____

P.I. A.A.10: Solve systems of two linear equations in two variables algebraically

Solve the system by substitution:

1. $y = 3x + 6$

$y = 4x$

[A] (7, 28)

[B] (-6, -9)

[C] (1, 9)

[D] (6, 24)

2. $y = 2x - 4$

$y = 3x$

[A] (-3, -9)

[B] (-4, -12)

[C] (4, 2)

[D] (1, -2)

3. $y = 4x + 3$

$y = 5x$

[A] (4, 20)

[B] (-3, -7)

[C] (3, 15)

[D] (1, 7)

4. $y = 3x - 5$

$y = 4x$

[A] (5, 2)

[B] (1, -2)

[C] (-5, -20)

[D] (-4, -16)

5. $y = x + 2$

$y = 2x$

[A] (1, 3)

[B] (3, 6)

[C] (2, 4)

[D] (-2, -3)

6. Solve the system by substitution: $y = 3x - 1$

$y = 4x$

7. Solve the system by substitution: $y = 2x - 3$

$y = 3x$

8. Solve the system by substitution: $y = x - 4$

$y = 2x$

9. Solve the system by substitution: $y = 2x + 3$

$y = 3x$

10. Solve the system by substitution: $y = 4x - 6$

$y = 5x$

Integrated Algebra Practice: A.A.10 #1

www.jmap.org

[1] D

[2] B

[3] C

[4] C

[5] C

[6] (-1, -4)

[7] (-3, -9)

[8] (-4, -8)

[9] (3, 9)

[10] (-6, -30)