## Algebra I Practice A.REI.C.6: Solving Linear Systems 1 www.jmap.org

NAME:

Solve the system by substitution:

$$1. \quad y = 3x + 6$$
$$y = 4x$$

[B] 
$$(-6, -9)$$

$$\begin{aligned}
2. \quad y &= 2x - 4 \\
y &= 3x
\end{aligned}$$

$$[A] (-3, -9)$$

[B] 
$$(-4, -12)$$

$$[D](1,-2)$$

$$3. \quad y = 4x + 3$$
$$y = 5x$$

[B] 
$$(-3, -7)$$

$$[C]$$
 (3, 15)

$$4. \quad y = 3x - 5$$
$$y = 4x$$

[B] 
$$(1, -2)$$

$$[C]$$
  $(-5, -20)$ 

$$[D]$$
  $(-4, -16)$ 

5. 
$$y = x + 2$$

$$y = 2x$$

$$[C]$$
 (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: 
$$y = 4x - 6$$

$$y = 5x$$

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[1] <u>D</u>	
[2] <u>B</u>	
[3] <u>C</u>	
[4] <u>C</u>	
[5] <u>C</u>	
[6] (-1, -4)	-
[7] $(-3, -9)$	-
[8] $(-4, -8)$	-

[9] (3,9)

[10] (-6, -30)