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resulting equation for y . Then substitute the value of y and solve for x .

USING ADDITION Solve the linear system using elimination.

3. $x + 2y = 13$ **(1, 6)**
 $-x + y = 5$

4. $9x + y = 2$ **(-3, 29)**
 $-4x - y = -17$

5. $-3x - y = 8$ **(-1, -5)**
 $7x + y = -12$

6. $3x - y = 30$ **(12, 6)**
 $-3x + 7y = 6$

7. $-9x + 4y = -17$ **(5, 7)**
 $9x - 6y = 3$

8. $-3x - 5y = -7$ **(-1, 2)**
 $-4x + 5y = 14$

USING SUBTRACTION Solve the linear system using elimination.

9. $x + y = 1$ **(-1, 2)**
 $-2x + y = 4$

10. $x - y = -4$ **(-2, 2)**
 $x + 3y = 4$

11. $2x - y = 7$ **(5, 3)**
 $2x + 7y = 31$

12. $6x + y = -10$ **(0, -10)**
 $5x + y = -10$

13. $5x + 6y = 50$ **(4, 5)**
 $-x + 6y = 26$

14. $4x - 9y = -21$ **(-3, 1)**
 $4x + 3y = -9$

15. **★ MULTIPLE CHOICE** Which ordered pair is a solution of the linear system $4x + 9y = -2$ and $11x + 9y = 26$? **C**

(A) $(-2, 4)$ **(B)** $(2, -4)$ **(C)** $(4, -2)$ **(D)** $(4, 2)$

ARRANGING LIKE TERMS Solve the linear system using elimination.

16. $2x - y = 32$ **(-15, -62)**
 $y - 5x = 13$

(17) $-8y + 6x = 36$ **(2, -3)**
 $6x - y = 15$

18. $2x - y = -11$ **(-6, -1)**
 $y = -2x - 13$

19. $-x - y = 14$ **(-18, 4)**
 $x = 5y - 38$

(20) $11y - 3x = 18$ **(5, 3)**
 $-3x = -16y + 33$

21. $-5x + y = -23$ **(4, -3)**
 $-y = 3x - 9$

22. **★ MULTIPLE CHOICE** Which ordered pair is a solution of the linear

9.75 x 10.88 in

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25, 26, 27

 $(25) \quad (26, 14)$ $(26) \quad (4, -9)$ $(27) \quad (-4, 12)$