

Simultaneous Equations *fluency*

 **Solve**

1 $x + y = 7$
 $x - y = 3$

2 $2x + y = 11$
 $3x - y = 9$

3 $x + 3y = 13$
 $2x - 3y = 8$

4 $4x + y = 14$
 $2x - y = 4$

5 $3x + 2y = 16$
 $x - 2y = 0$

6 $x + 5y = 17$
 $-x + 2y = 4$

 **Solve**

7 $2x + y = 9$
 $x + y = 5$

8 $3x + 2y = 18$
 $x + 2y = 10$

9 $5x + y = 17$
 $2x + y = 8$

10 $x + 4y = 11$
 $x + y = 2$

11 $4x - y = 10$
 $2x - y = 2$

12 $3x + 5y = 4$
 $3x + 2y = 7$

 **Solve**

13 $2x + y = 8$
 $x + 3y = 9$

14 $3x + 2y = 12$
 $x + y = 5$

15 $x + 2y = 7$
 $3x - y = 7$

16 $4x + 3y = 25$
 $x - y = 1$

17 $5x - 2y = 4$
 $x + 4y = 14$

18 $2x + 5y = 3$
 $x - 2y = 6$

 **Solve**

19 $2x + 3y = 12$
 $3x + 2y = 13$

20 $3x + 4y = 10$
 $2x + 3y = 7$

21 $5x + 2y = 1$
 $3x + 5y = 12$

22 $4x - 3y = 17$
 $3x + 2y = 0$

23 $2x - 5y = 1$
 $3x - 4y = 5$

24 $7x + 2y = 20$
 $5x + 3y = 19$

 **Solve**

25 $y = 2x + 1$
 $3x + y = 11$

26 $x = 3y - 2$
 $2x + y = 10$

27 $y = x - 4$
 $2x + 3y = 3$

28 $2x = y + 5$
 $x + y = 7$

29 $3x + 2y = 2$
 $2x + 3y = -2$

30 $y = 3 - 2x$
 $4x - 3y = 1$