

## Cramer's Rule

1.  $4x - 3y = -6$   
 $x + 2y = -7$

2.  $5x + 6y = 1$   
 $-2x - y = -6$

3.  $2x - 5y = 13$   
 $6x + 3y = 10$

4.  $x + 3y = -6$   
 $2x - 5y = 7$

5.  $2x - 4y = 1$   
 $-x + 2y = 5$

6.  $3x + 9y = 2$   
 $x + 3y = \frac{2}{3}$

7.  $x - 5y = -5$   
 $-4x - 2y = 20$

8.  $-x + 5y = 2$   
 $x - 2y = -2$

9.  $2x + 2y = 0$   
 $4x - y = -2$

10.  $3x - 4y = 1$   
 $-5x + 2y = 3$

11.  $-x - y = -1$   
 $3x + 3y = 3$

12.  $-5x + 5y = 10$   
 $-2x + 2y = -4$

13.  $-x + 4y = -2$   
 $-2x + 5y = -4$

14.  $-5x - 5y = 25$   
 $-2x - 4y = 16$

15.  $4x + 4y = -32$   
 $2x + 2y = -16$

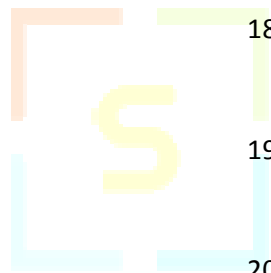
16.  $7a - b = -1$   
 $-4a - 2b = -2$

17.  $4r + s = -14$   
 $-5r - 5s = 25$

18.  $x - 3y = 5$   
 $-3x + 6y = 8$

19.  $6a + b = -2$   
 $5a + 6b = -2$

20.  $2a - 3b = -8$   
 $4a + 3b = -34$



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## Cramer's Rule

1.  $x - 2y + 3z = 3$   
 $2x + y + 5z = 8$   
 $3x - y - 3z = -22$

2.  $2x - y - z = 7$   
 $3x + 5y + z = -10$   
 $4x - 3y + 2z = 4$

3.  $3x + 2y - z = 10$   
 $x + 4y + 2z = 3$   
 $2x + 3y - 5z = 23$

4.  $3x + 4y + 2z = 6$   
 $x + 3y - 5z = -7$   
 $5x + 7y - 3z = 3$

5.  $-2x - 5y + 4z = 21$   
 $-5x - 5y + z = 21$   
 $-4y - 4z = 8$

6.  $5x + y - 4z = -4$   
 $-3y - 6z = -21$   
 $-x - y - z = -6$

7.  $-4x - 6z = -12$   
 $-6x - 4y - 2z = 6$   
 $-x + 2y + z = 9$

8.  $4x - 4y + 2z = -14$   
 $4x + 2y = 14$   
 $-3y + z = -10$

9.  $x - 3y + z = -7$   
 $-4x - 6z = 4$   
 $2x + 3y + 2z = 4$

10.  $6x + 3y - 3z = -18$   
 $6x + y + 4z = -28$   
 $5z = -10$

11.  $-12x - 4y + 4z = -21$   
 $-4z = 6$   
 $12x + 12y + 4z = -1$

12.  $4x + 5y = -6$   
 $10x - 30y + 50z = -27$   
 $4x + 4y + z = -6$

13.  $36x - 6y + 6z = -1$   
 $12x + 6z = -3$   
 $18x - 6y + 6z = -1$

14.  $-2x + y - 4z = 4$   
 $5x - 2y = 18$   
 $x - 5z = 17$

15.  $-3z = 6$   
 $2x + y - 2z = 6$   
 $-6x - 3y = -6$

16.  $6y + 6z = -30$   
 $4x - 6y - 3z = 26$   
 $x + y + z = -3$

17.  $-6x - y + z = -7$   
 $4z = -6$   
 $4x - 24y + 24z = 17$

18.  $3x + 6y = -4$   
 $x + y - z = -2$   
 $9x - 12y + 15z = 28$

19.  $5x + 5y + 30z = 24$   
 $5x - 5y - 20z = -11$   
 $-4y + 10z = 1$

20.  $3x - 1 = 3z$   
 $4 = 6y - 3z - 3x$   
 $-2x + 6z = 10y - 7$

## Cramer's Rule

### 统考题

1.  $-kx + 2y + 3z = 0$   
 $kx + y + 2z = 0$   
 $x + y = 0$   
 $k = ?$

2.  $x + 2y + 2z = 0$   
 $2x + 3y + 3z = 0$   
 $3x - y + 7z = 0$

3.  $x + y + z = 2$   
 $x + 2y + 3z = 2$   
 $x + 3y + 6z = 3$

4.  $x + (k + 1)y + 1 = 0$   
 $2kx + 5y - 3 = 0$   
 $3x + 7y + 1 = 0$   
 $k = ?$



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