



Для каждой системы уравнений определите точку пересечения на графике.

**Ответы**

1) 
$$\begin{cases} y = 1.5x - 8 \\ y = -0.1x + 8 \end{cases}$$

2) 
$$\begin{cases} y = -1.3x - 6 \\ y = -0.1x + 6 \end{cases}$$

3) 
$$\begin{cases} y = -0.6x + 7 \\ y = -0.4x + 8 \end{cases}$$

4) 
$$\begin{cases} y = 0.75x + 5 \\ y = 3.5x - 6 \end{cases}$$

5) 
$$\begin{cases} y = -0.1x + 2 \\ y = -0.3x + 0 \end{cases}$$

6) 
$$\begin{cases} y = -2.5x - 8 \\ y = -0.75x - 1 \end{cases}$$

7) 
$$\begin{cases} y = -1.3x + 4 \\ y = -1.5x + 6 \end{cases}$$

8) 
$$\begin{cases} y = 0.2x - 2 \\ y = -0.4x + 1 \end{cases}$$

9) 
$$\begin{cases} y = 0.4x + 5 \\ y = 0.9x + 0 \end{cases}$$

10) 
$$\begin{cases} y = 3.5x + 4 \\ y = 1.5x + 0 \end{cases}$$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Для каждой системы уравнений определите точку пересечения на графике.

**Ответы**

1)  $\begin{cases} y = 1.5x - 8 \\ y = -0.1x + 8 \end{cases}$   
 $1.5x - 8 = -0.1x + 8$   
 $1.6x = 16$   
 $1x = 10$   
 $y = (1.5 \times 10) - 8$   
 $y = (-0.1 \times 10) + 8$

2)  $\begin{cases} y = -1.3x - 6 \\ y = -0.1x + 6 \end{cases}$   
 $-1.3x - 6 = -0.1x + 6$   
 $-1.2x = 12$   
 $1x = -10$   
 $y = (-1.3 \times -10) - 6$   
 $y = (-0.1 \times -10) + 6$

3)  $\begin{cases} y = -0.6x + 7 \\ y = -0.4x + 8 \end{cases}$   
 $-0.6x + 7 = -0.4x + 8$   
 $-0.2x = 1$   
 $1x = -5$   
 $y = (-0.6 \times -5) + 7$   
 $y = (-0.4 \times -5) + 8$

4)  $\begin{cases} y = 0.75x + 5 \\ y = 3.5x - 6 \end{cases}$   
 $0.75x + 5 = 3.5x - 6$   
 $-2.75x = -11$   
 $1x = 4$   
 $y = (0.75 \times 4) + 5$   
 $y = (3.5 \times 4) - 6$

5)  $\begin{cases} y = -0.1x + 2 \\ y = -0.3x + 0 \end{cases}$   
 $-0.1x + 2 = -0.3x + 0$   
 $0.2x = -2$   
 $1x = -10$   
 $y = (-0.1 \times -10) + 2$   
 $y = (-0.3 \times -10) + 0$

6)  $\begin{cases} y = -2.5x - 8 \\ y = -0.75x - 1 \end{cases}$   
 $-2.5x - 8 = -0.75x - 1$   
 $-1.75x = 7$   
 $1x = -4$   
 $y = (-2.5 \times -4) - 8$   
 $y = (-0.75 \times -4) - 1$

7)  $\begin{cases} y = -1.3x + 4 \\ y = -1.5x + 6 \end{cases}$   
 $-1.3x + 4 = -1.5x + 6$   
 $0.2x = 2$   
 $1x = 10$   
 $y = (-1.3 \times 10) + 4$   
 $y = (-1.5 \times 10) + 6$

8)  $\begin{cases} y = 0.2x - 2 \\ y = -0.4x + 1 \end{cases}$   
 $0.2x - 2 = -0.4x + 1$   
 $0.6x = 3$   
 $1x = 5$   
 $y = (0.2 \times 5) - 2$   
 $y = (-0.4 \times 5) + 1$

9)  $\begin{cases} y = 0.4x + 5 \\ y = 0.9x + 0 \end{cases}$   
 $0.4x + 5 = 0.9x + 0$   
 $-0.5x = -5$   
 $1x = 10$   
 $y = (0.4 \times 10) + 5$   
 $y = (0.9 \times 10) + 0$

10)  $\begin{cases} y = 3.5x + 4 \\ y = 1.5x + 0 \end{cases}$   
 $3.5x + 4 = 1.5x + 0$   
 $2x = -4$   
 $1x = -2$   
 $y = (3.5 \times -2) + 4$   
 $y = (1.5 \times -2) + 0$

1. (10, 7)
2. (-10, 7)
3. (-5, 10)
4. (4, 8)
5. (-10, 3)
6. (-4, 2)
7. (10, -9)
8. (5, -1)
9. (10, 9)
10. (-2, -3)