



Для каждой системы уравнений определите точку пересечения на графике.

**Ответы**

1) 
$$\begin{cases} y = -1.3x - 3 \\ y = -0.4x + 6 \end{cases}$$

2) 
$$\begin{cases} y = 1.75x + 1 \\ y = 3.25x - 5 \end{cases}$$

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

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

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

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

3) 
$$\begin{cases} y = -1.5x + 4 \\ y = -1.75x + 5 \end{cases}$$

4) 
$$\begin{cases} y = 1.25x + 2 \\ y = 0.5x - 1 \end{cases}$$

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

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

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

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

5) 
$$\begin{cases} y = -0.25x + 8 \\ y = -2.25x + 0 \end{cases}$$

6) 
$$\begin{cases} y = 0.25x + 7 \\ y = -0.5x + 4 \end{cases}$$

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

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

7) 
$$\begin{cases} y = -0.25x - 5 \\ y = -0.75x - 9 \end{cases}$$

8) 
$$\begin{cases} y = 0.7x - 3 \\ y = 0.6x - 2 \end{cases}$$

9) 
$$\begin{cases} y = 0.25x + 2 \\ y = 0.5x + 1 \end{cases}$$

10) 
$$\begin{cases} y = -2.5x + 0 \\ y = -0.5x + 8 \end{cases}$$



Для каждой системы уравнений определите точку пересечения на графике.

**ОТВЕТЫ**

1)  $\begin{cases} y = -1.3x - 3 \\ y = -0.4x + 6 \end{cases}$   
 $-1.3x - 3 = -0.4x + 6$   
 $-0.9x = 9$   
 $1x = -10$   
 $y = (-1.3 \times -10) - 3$   
 $y = (-0.4 \times -10) + 6$

2)  $\begin{cases} y = 1.75x + 1 \\ y = 3.25x - 5 \end{cases}$   
 $1.75x + 1 = 3.25x - 5$   
 $-1.5x = -6$   
 $1x = 4$   
 $y = (1.75 \times 4) + 1$   
 $y = (3.25 \times 4) - 5$

3)  $\begin{cases} y = -1.5x + 4 \\ y = -1.75x + 5 \end{cases}$   
 $-1.5x + 4 = -1.75x + 5$   
 $0.25x = 1$   
 $1x = 4$   
 $y = (-1.5 \times 4) + 4$   
 $y = (-1.75 \times 4) + 5$

4)  $\begin{cases} y = 1.25x + 2 \\ y = 0.5x - 1 \end{cases}$   
 $1.25x + 2 = 0.5x - 1$   
 $0.75x = -3$   
 $1x = -4$   
 $y = (1.25 \times -4) + 2$   
 $y = (0.5 \times -4) - 1$

5)  $\begin{cases} y = -0.25x + 8 \\ y = -2.25x + 0 \end{cases}$   
 $-0.25x + 8 = -2.25x + 0$   
 $2x = -8$   
 $1x = -4$   
 $y = (-0.25 \times -4) + 8$   
 $y = (-2.25 \times -4) + 0$

6)  $\begin{cases} y = 0.25x + 7 \\ y = -0.5x + 4 \end{cases}$   
 $0.25x + 7 = -0.5x + 4$   
 $0.75x = -3$   
 $1x = -4$   
 $y = (0.25 \times -4) + 7$   
 $y = (-0.5 \times -4) + 4$

7)  $\begin{cases} y = -0.25x - 5 \\ y = -0.75x - 9 \end{cases}$   
 $-0.25x - 5 = -0.75x - 9$   
 $0.5x = -4$   
 $1x = -8$   
 $y = (-0.25 \times -8) - 5$   
 $y = (-0.75 \times -8) - 9$

8)  $\begin{cases} y = 0.7x - 3 \\ y = 0.6x - 2 \end{cases}$   
 $0.7x - 3 = 0.6x - 2$   
 $0.1x = 1$   
 $1x = 10$   
 $y = (0.7 \times 10) - 3$   
 $y = (0.6 \times 10) - 2$

9)  $\begin{cases} y = 0.25x + 2 \\ y = 0.5x + 1 \end{cases}$   
 $0.25x + 2 = 0.5x + 1$   
 $-0.25x = -1$   
 $1x = 4$   
 $y = (0.25 \times 4) + 2$   
 $y = (0.5 \times 4) + 1$

10)  $\begin{cases} y = -2.5x + 0 \\ y = -0.5x + 8 \end{cases}$   
 $-2.5x + 0 = -0.5x + 8$   
 $-2x = 8$   
 $1x = -4$   
 $y = (-2.5 \times -4) + 0$   
 $y = (-0.5 \times -4) + 8$

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