Для каждой системы уравнений определите точку пересечения на графике.

1)
$$\begin{cases} y = 0.1x + 2 \\ y = 0.5x - 2 \end{cases}$$

2)
$$\begin{cases} y = -1.3x + 5 \\ y = -0.4x - 4 \end{cases}$$

1. _____

2. _____

3. _____

3)
$$\begin{cases} y = -0.2x + 8 \\ y = 1.5x - 9 \end{cases}$$

4)
$$\begin{cases} y = -4.25x + 8 \\ y = -2.5x + 1 \end{cases}$$

4. _____

5. _____

6. _____

7. _____

8. _____

5)
$$\begin{cases} y = -1.5x - 3 \\ y = -0.5x + 5 \end{cases}$$

6)
$$\begin{cases} y = 0.3x - 9 \\ y = -0.5x - 1 \end{cases}$$

9. _____

10. _____

7)
$$\begin{cases} y = 0.3x + 1 \\ y = 0.5x - 1 \end{cases}$$

8)
$$\begin{cases} y = -0.2x + 0 \\ y = 0.4x - 6 \end{cases}$$

9)
$$\begin{cases} y = -1.5x + 1 \\ y = -3.5x - 3 \end{cases}$$

10)
$$\begin{cases} y = -0.25x - 2 \\ y = -0.5x + 0 \end{cases}$$

1-10	90	80	70	60	50	40	30	20	10	0

Имя:

Для каждой системы уравнений определите точку пересечения на графике.

Ответы

1)
$$\begin{cases} y = 0.1x + 2 \\ y = 0.5x - 2 \end{cases}$$

0.1x+2 = 0.5x- 2
-0.4x = -4
1x = 10
y = (0.1×10)+2
y = (0.5×10)- 2

2)
$$\begin{cases} y = -1.3x + 5 \\ y = -0.4x - 4 \end{cases}$$

-1.3x+5 = -0.4x- 4
-0.9x = -9
1x = 10
y = (-1.3×10)+5
y = (-0.4×10)- 4

1. ____ **(10 , 3)**

2. ____ **(10 , -8)**

3. ____ **(10 , 6)**

4. ____ **(4 , -9)**

3)
$$\begin{cases} y = -0.2x + 8 \\ y = 1.5x - 9 \end{cases}$$

-0.2x+8 = 1.5x- 9
-1.7x = -17
1x = 10
y = (-0.2×10)+8
y = (1.5×10)- 9

4)
$$\begin{cases} y = -4.25x + 8 \\ y = -2.5x + 1 \end{cases}$$

-4.25x+8 = -2.5x+1
-1.75x = -7
1x = 4
y = (-4.25×4)+8
y = (-2.5×4)+1

5. ____ **(-8 , 9)**

6. ____ **(10 , -6)**

7. ____ **(10 , 4)**

5)
$$\begin{cases} y = -1.5x - 3 \\ y = -0.5x + 5 \end{cases}$$

-1.5x- 3 = -0.5x+5
-1x = 8
1x = -8
y = (-1.5×-8)- 3
y = (-0.5×-8)+5

6)
$$\begin{cases} y = 0.3x - 9 \\ y = -0.5x - 1 \end{cases}$$

0.3x- 9 = -0.5x- 1
0.8x = 8
1x = 10
y = (0.3×10)- 9
y = (-0.5×10)- 1

8. ____ **(10 , -2)**

9. ____ **(-2 , 4)**

10. ____ **(8 , -4)**

7)
$$\begin{cases} y = 0.3x + 1 \\ y = 0.5x - 1 \end{cases}$$

0.3x+1 = 0.5x- 1
-0.2x = -2
1x = 10
y = (0.3×10)+1
y = (0.5×10)- 1

8)
$$\begin{cases} y = -0.2x + 0 \\ y = 0.4x - 6 \end{cases}$$

-0.2x+0 = 0.4x- 6
-0.6x = -6
1x = 10
y = (-0.2×10)+0
y = (0.4×10)- 6

9)
$$\begin{cases} y = -1.5x + 1 \\ y = -3.5x - 3 \end{cases}$$

-1.5x+1 = -3.5x- 3
2x = -4
1x = -2
y = (-1.5×-2)+1
y = (-3.5×-2)- 3

10)
$$\begin{cases} y = -0.25x - 2 \\ y = -0.5x + 0 \end{cases}$$

-0.25x- 2 = -0.5x+0
0.25x = 2
1x = 8
y = (-0.25×8)- 2
y = (-0.5×8)+0

| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |