Для каждой системы уравнений определите точку пересечения на графике.

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

2) $\begin{cases} y = -0.6x + 0 \\ y = -0.4x - 1 \end{cases}$

1. _____

2. _____

3. _____

4. _____

3) $\begin{cases} y = -0.5x + 2 \\ y = 0.4x - 7 \end{cases}$

4) $\begin{cases} y = -1.5x - 1 \\ y = 1.5x + 5 \end{cases}$

5. _____

6. _____

7. _____

8. _____

5) $\begin{cases} y = 6.5x - 3 \\ y = 0.5x + 9 \end{cases}$

6) $\begin{cases} y = 0.6x + 1 \\ y = -0.2x + 5 \end{cases}$

9. _____

10. _____

7) $\begin{cases} y = -0.5x - 4 \\ y = -0.2x - 7 \end{cases}$

8) $\begin{cases} y = 0.25x + 3 \\ y = 2.5x - 6 \end{cases}$

9) $\begin{cases} y = -0.5x - 8 \\ y = 0.6x + 3 \end{cases}$

10) $\begin{cases} y = -0.5x - 5 \\ y = 2.5x + 1 \end{cases}$

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Для каждой системы уравнений определите точку пересечения на графике.

1)
$$\begin{cases} y = -2.25x - 5 \\ y = 0.25x + 5 \end{cases}$$

-2.25x- 5 = 0.25x+5
-2.5x = 10
1x = -4
y = (-2.25×-4)- 5
y = (0.25×-4)+5

2)
$$\begin{cases} y = -0.6x + 0 \\ y = -0.4x - 1 \end{cases}$$

-0.6x+0 = -0.4x- 1
-0.2x = -1
1x = 5
y = (-0.6×5)+0
y = (-0.4×5)- 1

1. **(-4 , 4)**

2. **(5 , -3)**

3. **(10 , -3)**

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

3)
$$\begin{cases} y = -0.5x + 2 \\ y = 0.4x - 7 \end{cases}$$

-0.5x+2 = 0.4x- 7
-0.9x = -9
1x = 10
y = (-0.5×10)+2
y = (0.4×10)- 7

4)
$$\begin{cases} y = -1.5x - 1 \\ y = 1.5x + 5 \end{cases}$$

-1.5x- 1 = 1.5x+5
-3x = 6
1x = -2
y = (-1.5×-2)- 1
y = (1.5×-2)+5

5. **(2 , 10)**

6. **(5 , 4)**

7. **(10 , -9)**

5)
$$\begin{cases} y = 6.5x - 3 \\ y = 0.5x + 9 \end{cases}$$

6.5x- 3 = 0.5x+9
6x = 12
1x = 2
y = (6.5×2)- 3
y = (0.5×2)+9

6)
$$\begin{cases} y = 0.6x + 1 \\ y = -0.2x + 5 \end{cases}$$

0.6x+1 = -0.2x+5
0.8x = 4
1x = 5
y = (0.6×5)+1
y = (-0.2×5)+5

8. **(4 , 4)**

9. **(-10 , -3)**

10. **(-2 , -4)**

7)
$$\begin{cases} y = -0.5x - 4 \\ y = -0.2x - 7 \end{cases}$$

-0.5x- 4 = -0.2x- 7
-0.3x = -3
1x = 10
y = (-0.5×10)- 4
y = (-0.2×10)- 7

8)
$$\begin{cases} y = 0.25x + 3 \\ y = 2.5x - 6 \end{cases}$$

0.25x+3 = 2.5x- 6
-2.25x = -9
1x = 4
y = (0.25×4)+3
y = (2.5×4)- 6

9)
$$\begin{cases} y = -0.5x - 8 \\ y = 0.6x + 3 \end{cases}$$

-0.5x- 8 = 0.6x+3
-1.1x = 11
1x = -10
y = (-0.5×-10)- 8
y = (0.6×-10)+3

10)
$$\begin{cases} y = -0.5x - 5 \\ y = 2.5x + 1 \end{cases}$$

-0.5x- 5 = 2.5x+1
-3x = 6
1x = -2
y = (-0.5×-2)- 5
y = (2.5×-2)+1

Математика