Для каждой системы уравнений определите точку пересечения на графике.

1) $\begin{cases} y = 1.25x - 8 \\ y = 0.25x + 0 \end{cases}$

2) $\begin{cases} y = 0.8x + 5 \\ y = 0.2x - 1 \end{cases}$

3) $\begin{cases} y = -2.25x - 3 \\ y = -2.5x - 4 \end{cases}$

4) $\begin{cases} y = 5.5x - 1 \\ y = 8.5x - 7 \end{cases}$

5) $\begin{cases} y = -3.75x - 5 \\ y = -1.25x + 5 \end{cases}$

6) $\begin{cases} y = -0.6x + 3 \\ y = 0.2x - 1 \end{cases}$

7) $\begin{cases} y = 0.7x - 5 \\ y = 0.9x - 7 \end{cases}$

8) $\begin{cases} y = -2.25x + 1 \\ y = -4.25x - 7 \end{cases}$

9) $\begin{cases} y = 0.75x + 1 \\ y = 1.75x + 9 \end{cases}$

10) $\begin{cases} y = -1.75x + 8 \\ y = -1.25x + 4 \end{cases}$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Для каждой системы уравнений определите точку пересечения на графике.

1)
$$y = 1.25x - 8$$
$$y = 0.25x + 0$$

1.25x- 8 = 0.25x+0
1x = 8
1x = 8
y = (1.25×8)- 8
y = (0.25×8)+0

2)
$$y = 0.8x + 5$$
$$y = 0.2x - 1$$

0.8x+5 = 0.2x- 1
0.6x = -6
1x = -10
y = (0.8×-10)+5
y = (0.2×-10)- 1

1. **(8 , 2)**

2. **(-10 , -3)**

3. **(-4 , 6)**

4. **(2 , 10)**

3)
$$y = -2.25x - 3$$
$$y = -2.5x - 4$$

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

4)
$$y = 5.5x - 1$$
$$y = 8.5x - 7$$

5.5x- 1 = 8.5x- 7
-3x = -6
1x = 2
y = (5.5×2)- 1
y = (8.5×2)- 7

5. **(-4 , 10)**

6. **(5 , 0)**

7. **(10 , 2)**

5)
$$y = -3.75x - 5$$
$$y = -1.25x + 5$$

-3.75x- 5 = -1.25x+5
-2.5x = 10
1x = -4
y = (-3.75×-4)- 5
y = (-1.25×-4)+5

6)
$$y = -0.6x + 3$$
$$y = 0.2x - 1$$

-0.6x+3 = 0.2x- 1
-0.8x = -4
1x = 5
y = (-0.6×5)+3
y = (0.2×5)- 1

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

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

10. **(8 , -6)**

7)
$$y = 0.7x - 5$$
$$y = 0.9x - 7$$

0.7x- 5 = 0.9x- 7
-0.2x = -2
1x = 10
y = (0.7×10)- 5
y = (0.9×10)- 7

8)
$$y = -2.25x + 1$$
$$y = -4.25x - 7$$

-2.25x+1 = -4.25x- 7
2x = -8
1x = -4
y = (-2.25×-4)+1
y = (-4.25×-4)- 7

9)
$$y = 0.75x + 1$$
$$y = 1.75x + 9$$

0.75x+1 = 1.75x+9
-1x = 8
1x = -8
y = (0.75×-8)+1
y = (1.75×-8)+9

10)
$$y = -1.75x + 8$$
$$y = -1.25x + 4$$

-1.75x+8 = -1.25x+4
-0.5x = -4
1x = 8
y = (-1.75×8)+8
y = (-1.25×8)+4

Математика   www.CommonCoreSheets.ru   4   1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0