

Solve Systems using HRVWN

Use HRVWN to graph each function. Give the solutions to each system.

1) $y = x^2$
 $y = 2x$

2) $y = |x|$
 $y = 4$

3) $y = \sqrt{x}$
 $y = x$

4) $y = -|x|$
 $y = 2$

5) $y = \sqrt{x} + 2$
 $y = |x + 2|$

6) $y = -x^2 + 2$
 $y = 2|x|$

7) $y = -\sqrt{x}$
 $x = 3$

8) $y = -\sqrt{x}$
 $y = |x| - 2$

9) $y = -x^2 + 2$
 $y = -2$

10) $y = x^2 + 1$
 $y = -|x| - 5$

11) $y = x^2$
 $y = 2|x|$

12) $y = -x^2$
 $y = x - 2$

13) $y = -\sqrt{x-2}$
 $y = |x| - 1$

14) $y = 1/2|x| - 3$
 $y = \sqrt{x} - 3$

15) $y = 2/3x + 1$
 $y = -x - 4$

16) $y = 1/3/x$
 $y = |x - 4|$

17) $y = |x - 2|$
 $y = -\sqrt{x}$

18) $y = \sqrt{x-1} + 4$
 $y = |x - 3| + 4$

19) $y = (x + 3)^2 + 2$
 $y = \sqrt{x+4} + 1$

20) $y = |x - 2| + 3$
 $y = x + 1$