

Make your very own controller as seen:



What you'll need:

-Graph paper

-Colors

Instructions: when you see stop, stop connecting the same line and start a new one.

D=domain

1. $y=-4$

D= $-3 \leq x \leq 3$

2. $y=7$

D= $-8 \leq x \leq 8$

3. $y=1x+3$

D= $-5 \leq x \leq -3$

4. $y=-1x-1$

D= $-5 \leq x \leq -3$

5. $y=-1x-9$

D= $-9 \leq x \leq -7$

$$6. y = 1x + 11$$
$$D = -9 \leq x \leq -7$$

$$7. y = -1x + 5$$
$$D = 4 < x \leq 7$$

$$8. y = 1x - 1$$
$$D = 4 \leq x \leq 7$$

$$9. y = 1x - 11$$
$$D = 9 \leq x \leq 12$$

$$10. y = -1x + 14$$
$$D = 9 \leq x \leq 12$$

$$11. y = 1x + 7$$
$$D = 0 \leq x \leq 2$$

$$12. y = -1x + 11$$
$$D = 0 \leq x \leq 2$$

$$13. y = 1x + 11$$
$$D = 0 \leq x \leq 3$$

$$14. y = -1x + 17$$
$$D = 2 \leq x \leq 3$$

Now grab a drink, because it's about to get real.

- (3, -4)
- (3, -5)
- (4, -5)
- (4, -6)
- (5, -6)
- (5, -7)
- (8, -7)
- (8, -6)
- (10, -6)

(10,-5)
(11,-5)
(11-4,)
(12,-4)
(12,-2)
(13,-2)
(13,2)
(12,2)
(12,4)
(11,4)
(11,5)
(10,5)
(10,6)
(8,6)
(8,7)
(-8,7)
(-8,6)
(-10,6)
(-10,5)
(-11,5)
(-11,4)
(-12,4)
(-12,2)
(-13,2)
(-13,-2)
(-12,-2)
(-12,-4)
(-11,-4)
(-11,-5)
(-10,-5)
(-10,-6)
(-8,-6)
(-8,-7)
(-5,-7)
(-5,-6)
(-4,-6)
(-4,-5)
(-3,-5)
(-3,-4)

STOP!

(-3,4)

(3,4)

(3,5)

(-3,5)

(-3,4)

STOP!

(0,0)

(0,1)

(-1,1)

(-1,-1)

(-2,-1)

(-2,0)

(0,0)

STOP!

(1,0)

(1,-1)

(2,-1)

(2,1)

(3,1)

(3,0)

(1,0)

STOP!

(-3,0)

(-3,2)

(-5,2)

(-5,4)

(-7,4)

(-7,2)

(-9,2)

(-9,0)

(-7,0)

(-7,2)

(-5,2)

(-5,0)

(-3,0)

STOP!

(7,0)

(7,-2)

(9,-2)
(9,0)
(7,0)
(4,1)
(6,1)
(6,3)
(4,3)
(4,1)
STOP!
(7,0)
(7,-2)
(9,-2)
(9,0)
(7,0)
STOP!
(4,1)
(6,1)
(6,3)
(4,3)
(4,1)
STOP!
(7,3)
(9,3)
(9,5)
(7,5)
(7,3)
STOP!
(10,1)
(12,1)
(12,3)
(10,3)
(10,1)

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