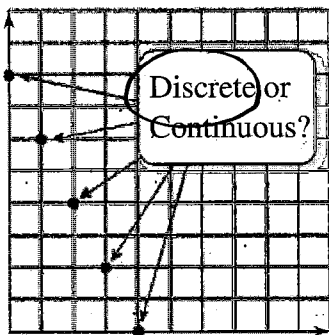


Find the domain and Range of coordinates and decide whether it is a function.

1. (2,-3) (-5,8) (-5,6) (0,7) Domain : 2, -5, 0 Range -3, 8, 6, 7 Is it function? No
2. (0,-5) (-1,4.5) (-5,6.8) (0,7) Domain : 0, -1, -5 Range -5, 4.5, 6.8, 7 Is it function? No

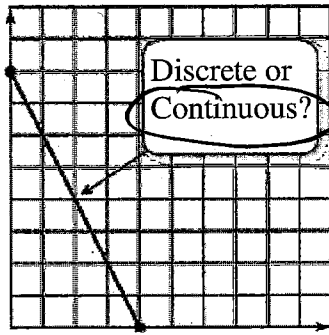
Find the domain and Range of the graphs. State the domain is discrete or continuous and decide whether the graph is a function by vertical line.

3.



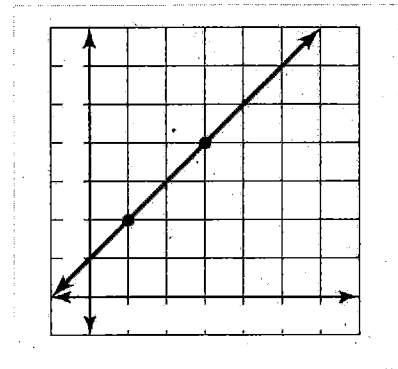
Domain: 1, 2, 3, 4
 Range: 0, 2, 4, 6, 8
 Is it a function Yes ?

4.



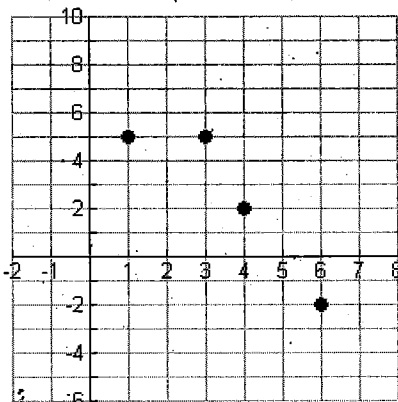
Domain: [0, 4]
 Range: [0, 8]
 Is it a function Yes ?

5.



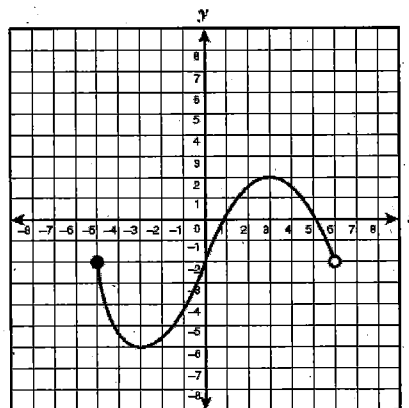
Domain: $(-\infty, +\infty)$
 Range: $(-\infty, +\infty)$
 Is it a function Yes ?
 Discrete or Continuous? Cont.

6.



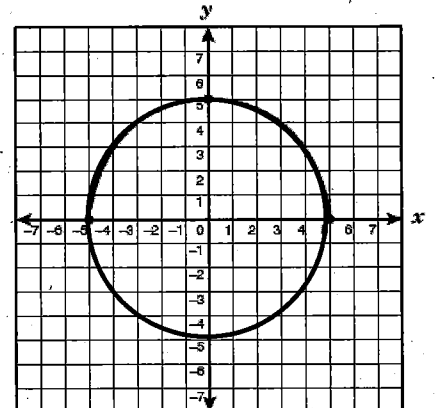
Domain: 1, 3, 4, 6
 Range: 5, 2, -2
 Is it a function Yes ?
 Discrete or Continuous? Disc.

7.



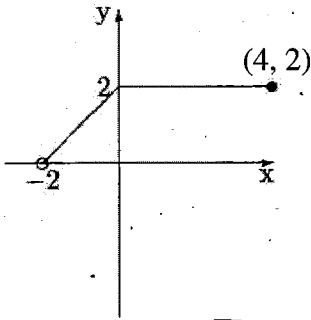
Domain: [-5, 6]
 Range: [-6, 2]
 Is it a function Yes ?
 Discrete or Continuous? Cont.

8.



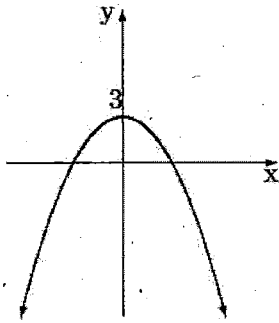
Domain: [-5, 5]
 Range: [-5, 5]
 Is it a function No ?
 Discrete or Continuous? Cont.

9.



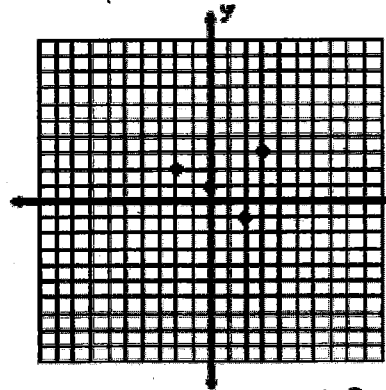
Domain: $(-2, 4]$
 Range: $(0, 2]$
 Is it a function Yes?
 Discrete or Continuous? Cont.

10.



Domain: $(-\infty, +\infty)$
 Range: $(-\infty, 3]$
 Is it a function Yes?
 Discrete or Continuous? Cont.

11.

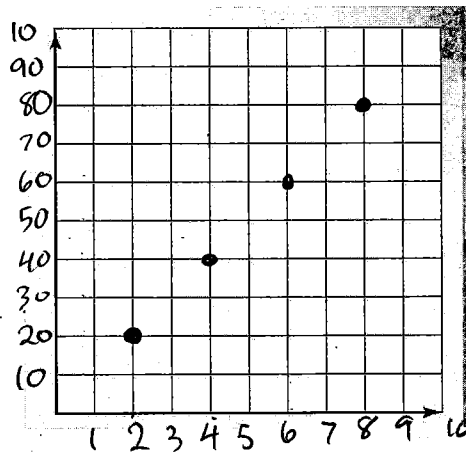


Domain: $-2, 0, 2, 3$
 Range: $-1, 1, 2, 3$
 Is it a function Yes?
 Discrete or Continuous? Dis.

Graph the function. Is the domain of the graph discrete or continuous? Find the domain and range.

12.

Bags, x	Marbles, y
2	20
4	40
6	60
8	80



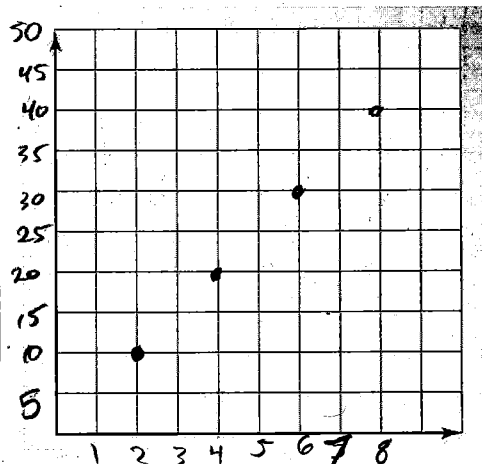
Is domain discrete or continuous?

Domain $2, 4, 6, 8$

Range $20, 40, 60, 80$

13.

Hats, x	Dollars, y
2	10
4	20
6	30
8	40



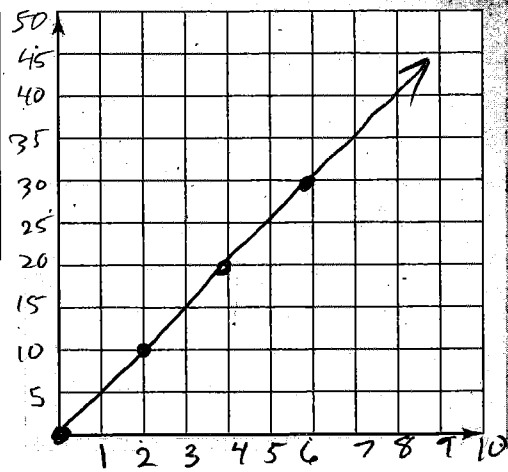
Is domain discrete or continuous?

Domain $2, 4, 6, 8$

Range $10, 20, 30, 40$

14. A cereal bar contains 130 calories. The number c of calories consumed is a function of the number b of bars eaten. **you can eat part of cereal bar.*

The number of cereal bar	calories
0	0
2	10
4	20
6	30



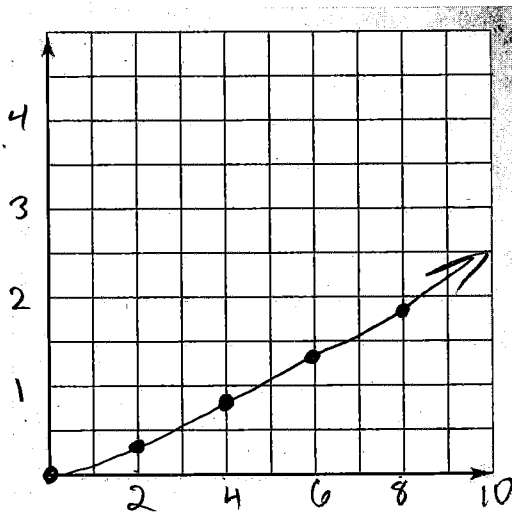
Is domain discrete or continuous?

Domain $[0, +\infty)$

Range $[0, +\infty)$

15. You conduct an experiment on the speed of sound waves in dry air at 86 °F. You record your data in a table.

Time, t (seconds)	Distance, d (miles)
2	0.434
4	0.868
6	1.302
8	1.736



Is domain discrete or continuous?

Domain $[0, +\infty)$

Range $[0, +\infty)$