

4.4 Domain and Range Worksheet

1. For each relation :

i) Identify the domain and range

ii) Determine if it is function

a) $\{(-1, 4), (2, -3), (3, -3), (1, 6)\}$

b) $\{(-5, 0), (3, -2), (-3, -6), (-5, 7)\}$

Domain : _____

Domain : _____

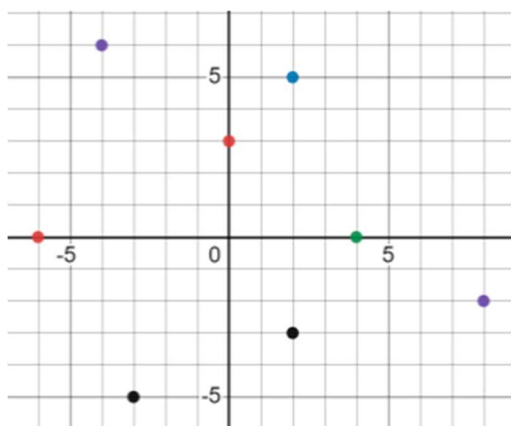
Range : _____

Range : _____

Function : Yes No

Function : Yes No

c)



Domain : _____

Range : _____

Function : Yes No

2. For each relation :

i) Identify the domain and range

ii) Determine if it is function

iii) Identify the independent and dependent variables

Number of juice boxes purchased , n	Cost C (\$)
1	2.39
2	4.00
3	6.39
4	8.00
5	10.39
6	12.00

Domain : _____

Independent Variable : _____

Range : _____

Dependent Variable : _____

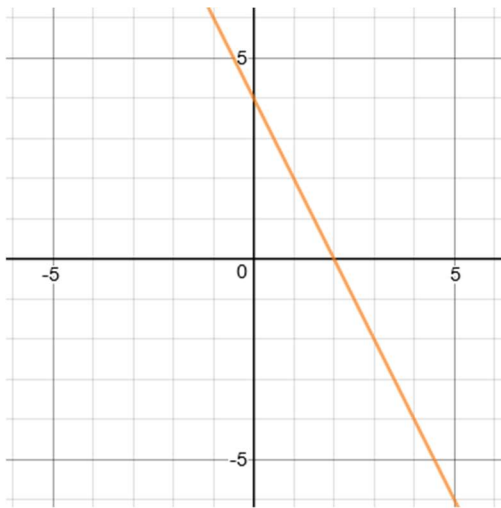
Function : Yes No

3. For each relation :

i) Identify the domain and range

ii) Determine if it is function

a)



Set Notation

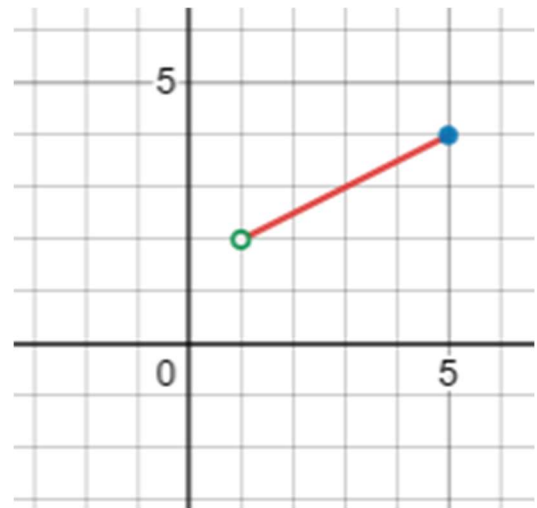
Interval Notation

Domain : _____

Range : _____

Function : Yes No

b)



Set Notation

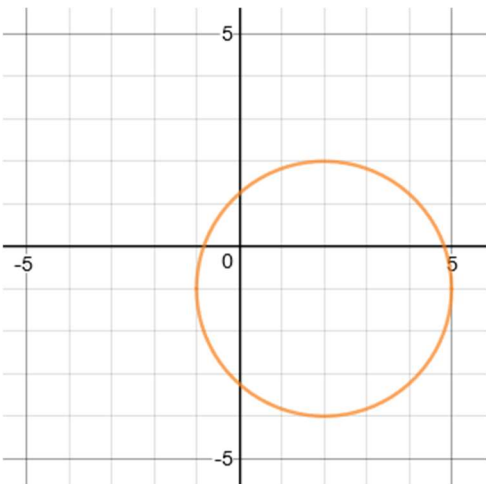
Interval Notation

Domain : _____

Range : _____

Function : Yes No

c)



Set Notation

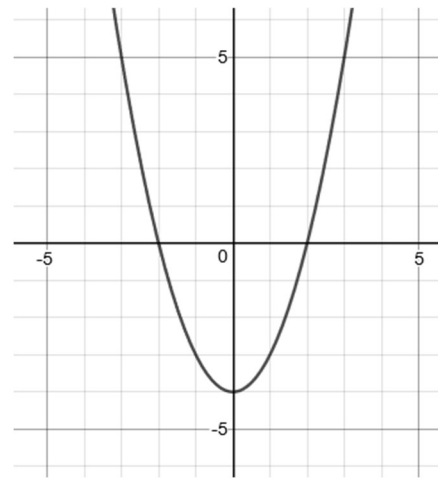
Interval Notation

Domain : _____

Range : _____

Function : Yes No

d)



Set Notation

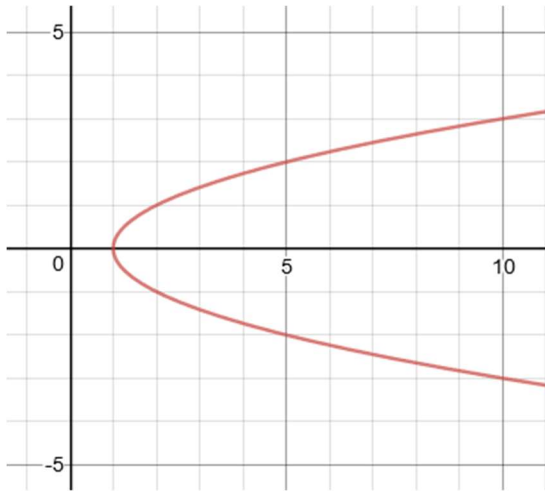
Interval Notation

Domain : _____

Range : _____

Function : Yes No

e)



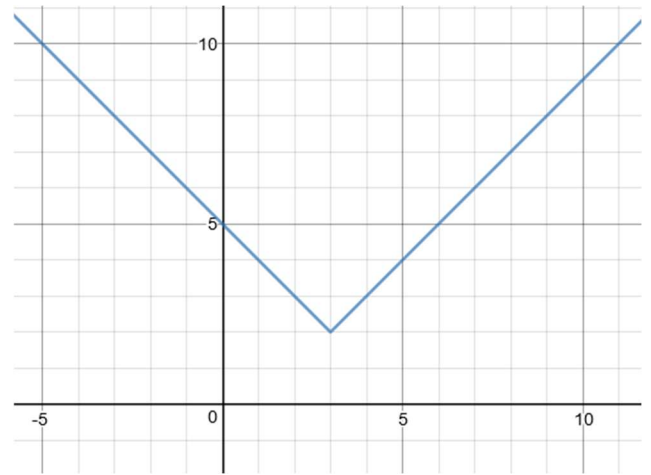
Set Notation Interval Notation

Domain : _____

Range : _____

Function : Yes No

f)



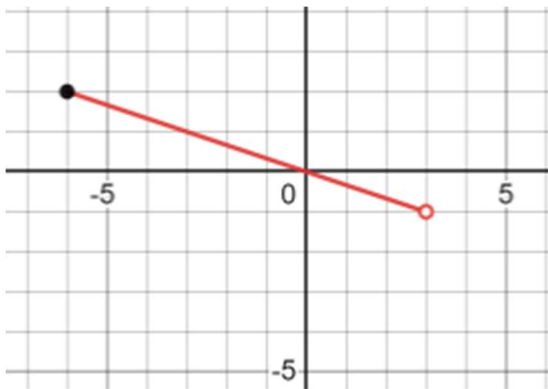
Set Notation Interval Notation

Domain : _____

Range : _____

Function : Yes No

g)



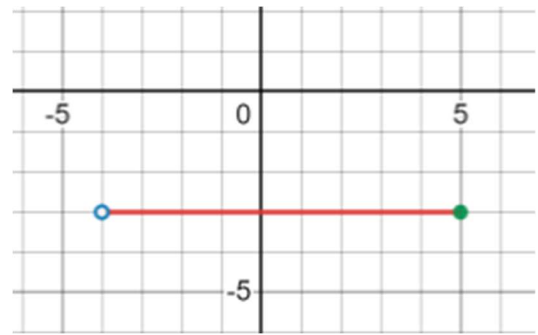
Set Notation Interval Notation

Domain : _____

Range : _____

Function : Yes No

h)



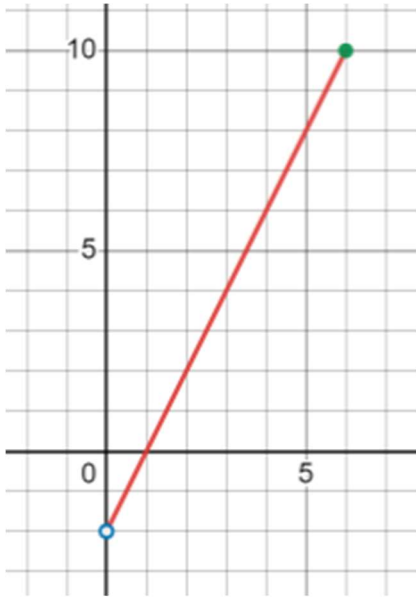
Set Notation Interval Notation

Domain : _____

Range : _____

Function : Yes No

i)



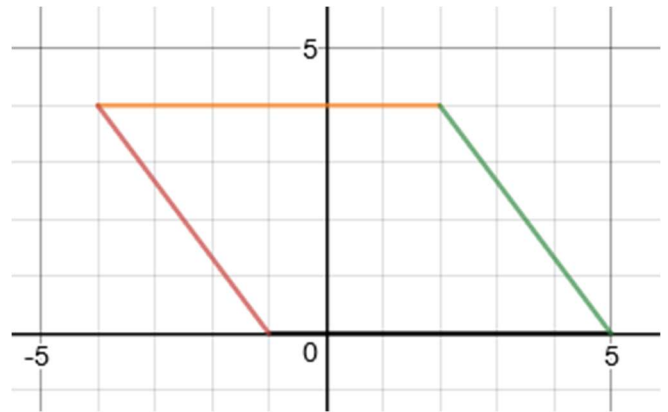
Set Notation Interval Notation

Domain : _____

Range : _____

Function : Yes No

j)



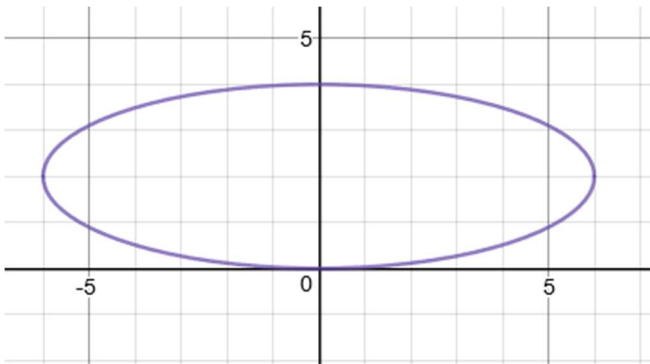
Set Notation Interval Notation

Domain : _____

Range : _____

Function : Yes No

k)



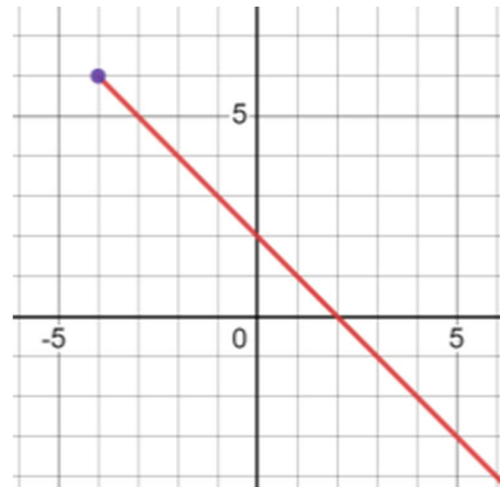
Set Notation Interval Notation

Domain : _____

Range : _____

Function : Yes No

l)



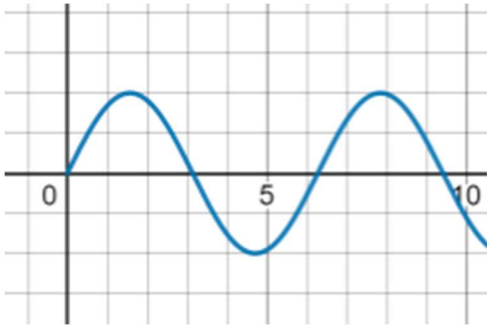
Set Notation Interval Notation

Domain : _____

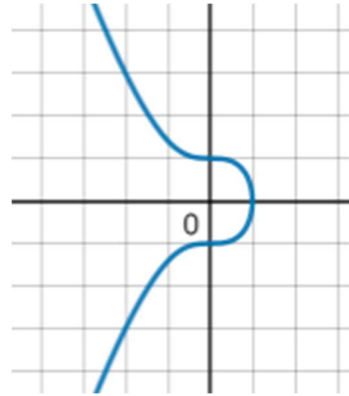
Range : _____

Function : Yes No

m)



n)



Set Notation Interval Notation
Domain : _____
Range : _____
Function : Yes No

Set Notation Interval Notation
Domain : _____
Range : _____
Function : Yes No