

HW 7-4

Int 1

Tables, Graphs & Equations

Unit 7

Instructions: You will be given a table or a graph. Use that information to fill out the rest of each question.

1.

TABLE:

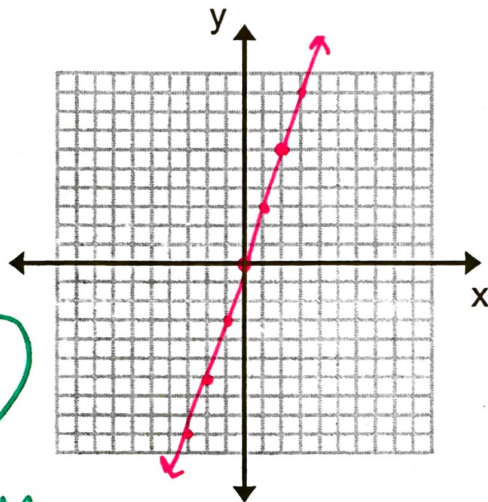
x	y
-2	-6
-1	-3
0	0
1	3
2	6

+1 (vertical arrows between rows)
+3 (vertical arrows between columns)

CROC: $\frac{3}{1}$ or 3

That's how we find the constant rate of change.

GRAPH:



Equation:

$y = x \cdot 3$ or $y = 3 \cdot x$

Is this a proportional relationship?

Circle YES or NO

How do you know? _____

- Straight line (CROC)

- Through origin (0,0)

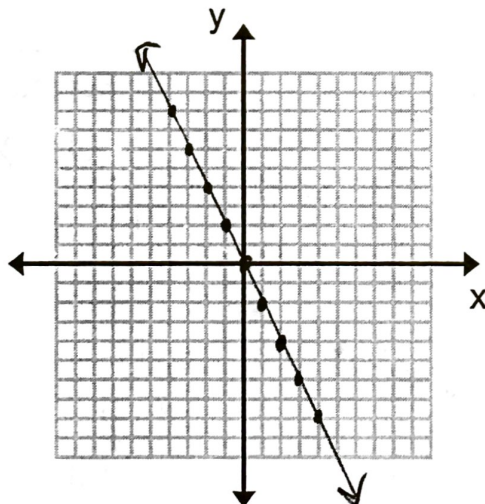
2.

TABLE:

x	y
-2	
-1	
0	
1	
2	

CROC: _____

GRAPH:



Equation:

Is this a proportional relationship?

Circle: YES or NO

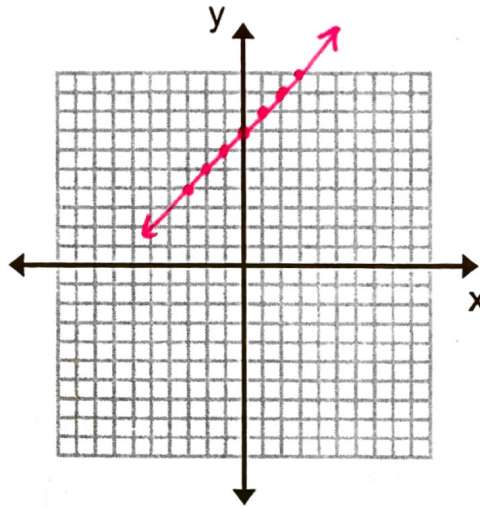
How do you know? _____

3. TABLE:

x	y
-2	5
-1	6
0	7
1	8
2	9

CROC: $\frac{1}{1}$ or 1

GRAPH:



Equation:

$y = x \cdot 1 + 7$

Is this a proportional relationship?

Circle: YES or **NO**

How do you know? _____

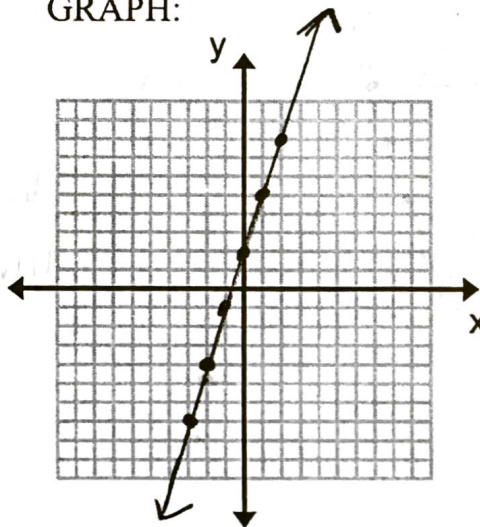
Doesn't go through (0,0)
origin

4. TABLE:

x	y
-2	
-1	
0	
1	
2	

CROC: _____

GRAPH:



Equation:

Is this a proportional relationship?

Circle: YES or NO

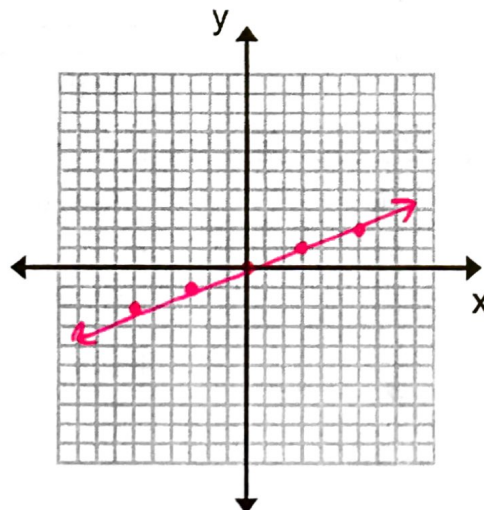
How do you know? _____

5. TABLE:

x	y
-6	-2
-3	-1
0	0
3	1
6	2

CROC: $\frac{1}{3}$

GRAPH:



Equation:

$y = x \cdot \frac{1}{3}$

Is this a proportional relationship?

Circle: **YES** or NO

How do you know? _____

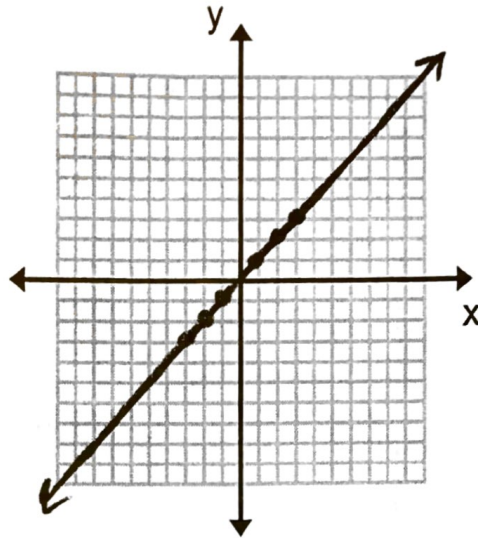
Straight line through
the origin (0,0)

6. TABLE:

x	y
-2	
-1	
0	
1	
2	

CROC: _____

GRAPH:



Equation:

Is this a proportional relationship?
Circle: YES or NO

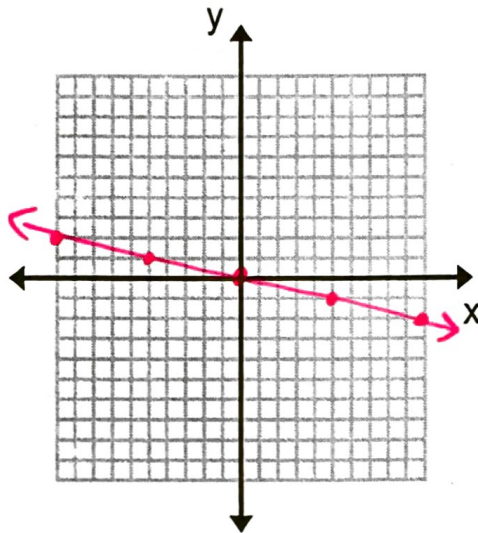
How do you know? _____

7. TABLE:

x	y
-10	2
-5	1
0	0
5	-1
10	-2

CROC: $-\frac{1}{5}$

GRAPH:



Equation:
 $y = x \cdot -\frac{1}{5}$

Is this a proportional relationship?
Circle: YES or NO

How do you know? _____
Straight line
through (0,0)

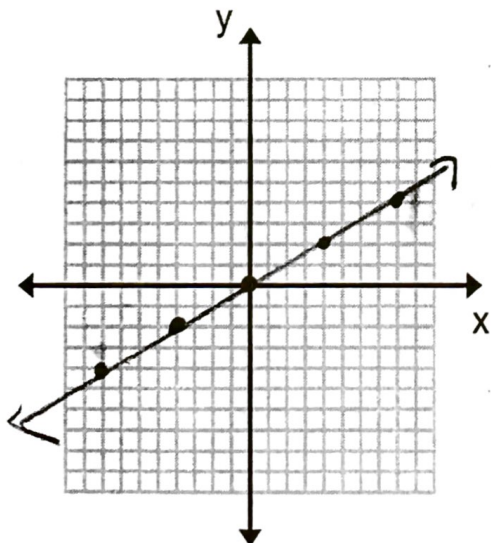
8. TABLE:

TABLE:

x	y
-8	
-4	
0	
4	
8	

CROC: _____

GRAPH:



Equation:

Is this a proportional relationship?
Circle: YES or NO

How do you know? _____

