Name_____ Period _____

Determine if the table has a constant of proportionality, if so determine the value.

X	Y
0	0
1	3
2	6
3	9

X	Y
1	2
2	4
3	8
4	16

X	Y
1	5
2	10
3	15
4	20

Determine the missing value with the given tables that have a constant of proportionality.

X	Y
0	
1	13
2	
3	39

X	Y
1	26
2	
3	
4	

X	Y
4	
8	120
10	
12	

Use the equation to determine the table values, then identify the constant of proportionality.

Y= 2x

X	Y
0	
1	
2	
3	

Constant Proportionality=

y= 6x

X	Y
0	
1	
2	
3	

Constant Proportionality=

y = 15x

X	Y
5	
8	
10	
12	

Constant Proportionality=

Determine if the given ordered pairs create proportionality.

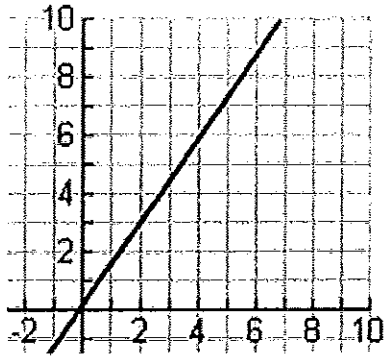
(2,8) and (4,60)

(1.5,6) and (3.5,21)

(7,16.8) and (10,20)

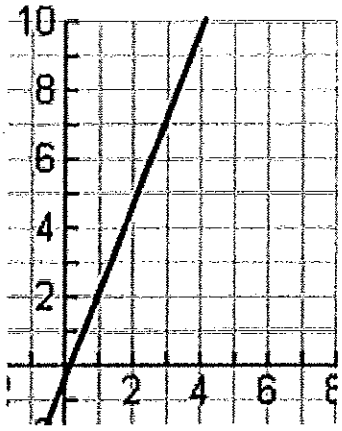
Use the graph to determine table values. Then determine the constant of proportionality.

X	Y
0	
2	
4	
6	



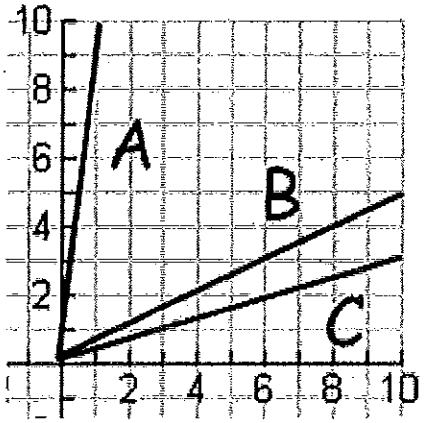
Constant Proportionality=

X	Y



Constant Proportionality=

Determine from least to greatest the constant of proportionality, given the graph.

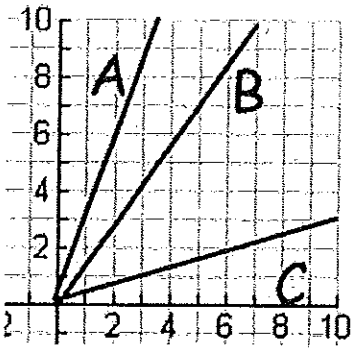


Determine the graph lines of constant of proportionality and match them with the table.

X	Y
0	0
3	1
6	2
9	3

X	Y
0	0
2	3
4	6
8	12

X	Y
0	0
1	3
2	6
3	9



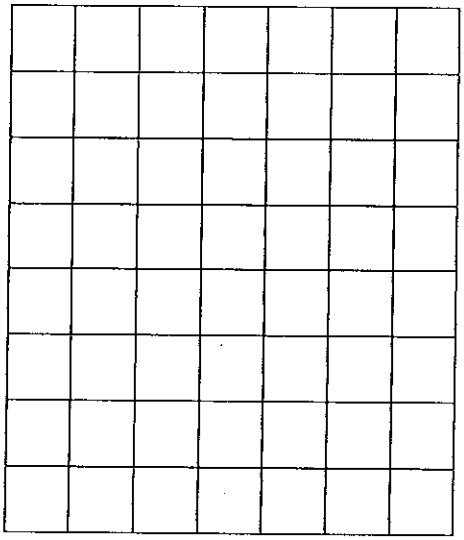
_____ _____ _____

The Jones family drives 200 miles in 5 hours.
The Grant family drives 360 miles in 6 hours.

a) Complete the table for each family.
Graph each family's rate in a different color.

Jones Family	
Hours	Miles

Grant Family	
Hours	Miles



b) Jones Family unit rate:_____

Grant Family unit rate:_____

c) Which family is driving faster? _____ How do you know? _____

_____