

7. Find the function rule for each table. Identify if it is an example of direct variation.

A.

x	y
3	4.25
4	5
5	5.75
6	6.5
7	7.25
8	8

Y= _____
yes or no

B.

x	y
0	0
1	-2
2	-4
3	-6
4	-8
5	-10

Y= _____
yes or no

C.

x	y
4	3
6	4.5
8	6
10	7.5
12	9
14	10.5

Y= _____
yes or no

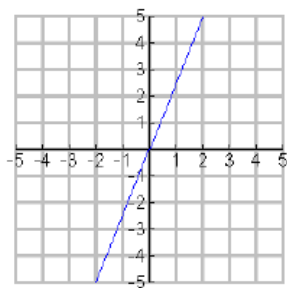
D.

x	y
0	-3
1	-5
2	-7
3	-9
4	-11
5	-13

Y= _____
yes or no

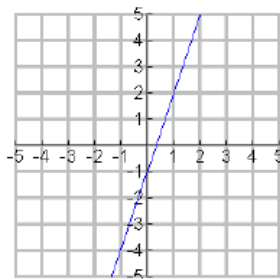
8. Find the function rule for each graph and identify if it is direct variation.

A.



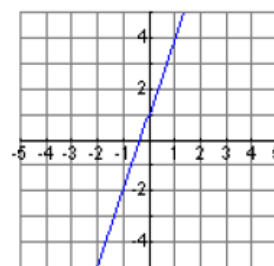
Y= _____ yes or no

B.



Y= _____ yes or no

C.



Y= _____ yes or no

9. For each of the following situations, determine if it represents direct variation.

- Bus tickets cost \$0.50 each. _____
- Payphones cost \$0.25 to connect and \$0.10 per minute. _____
- The value of a quarter is \$0.25 each. _____
- Each necklace made in art class took 28 beads. _____
- A pattern started with 3 blocks and added 2 more with each layer. _____

10. For each situation, determine what kind of correlation exists.

- How much time you spend gathering peaches versus how many peaches are in your bucket.
- How many items you buy at the dollar store, versus how much money you have left.