

Name: _____

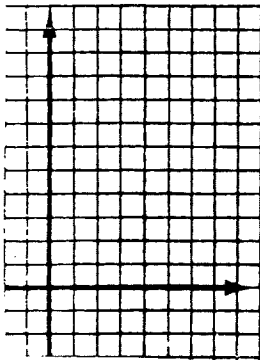
Date: _____

Hour: _____

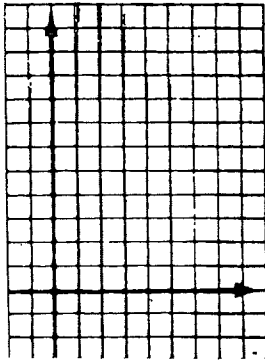
Algebra I Homework 1.5

Graph each list of ordered pairs. State whether they lie on a straight line.

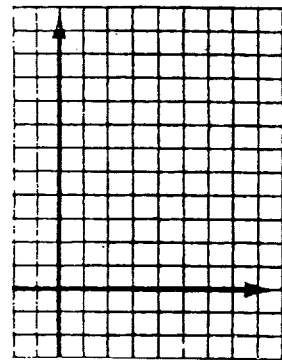
1.) $(1, 3)$ $(2, 6)$ $(3, 9)$



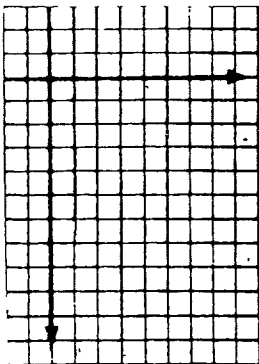
2.) $(1, 5)$ $(2, 4)$ $(3, 1)$



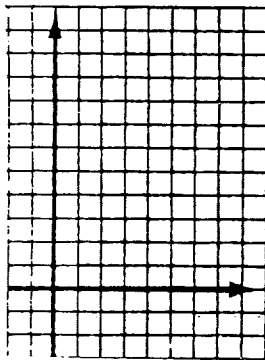
3.) $(1, 10)$ $(2, 7)$ $(3, 2)$



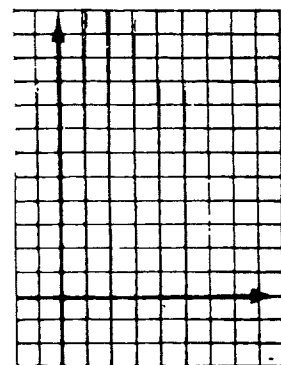
4.) $(1, -3)$ $(2, -6)$ $(3, -9)$



5.) $(5, 2)$ $(7, 2)$ $(9, 2)$



6.) $(4, 1)$ $(4, 5)$ $(4, 9)$



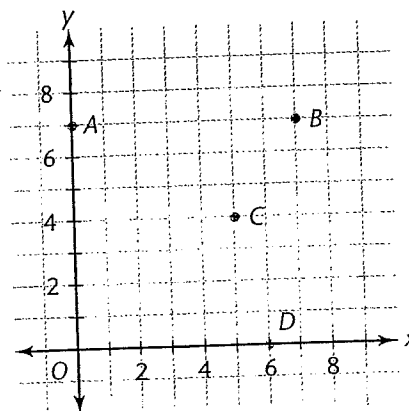
What are the coordinates of the given points?

7.) A (,)

8.) B (,)

9.) C (,)

10.) D (,)



Find the value for y by substituting 1, 2, 3, 4, and 5 for x. Complete the table.

11.) $y = x + 7$

x	1	2	3	4	5
y					

12.) $y = x - 7$

x	1	2	3	4	5
y					

13.) $y = 7 - x$

x	1	2	3	4	5
y					

14.) $y = -7 - x$

x	1	2	3	4	5
y					

Don walks at a rate of 3 miles per hour. You can determine the distance that he walks by multiplying the rate times the number of hours that he walks.

15.) Represent hours by h , and write an equation for the distance, d .

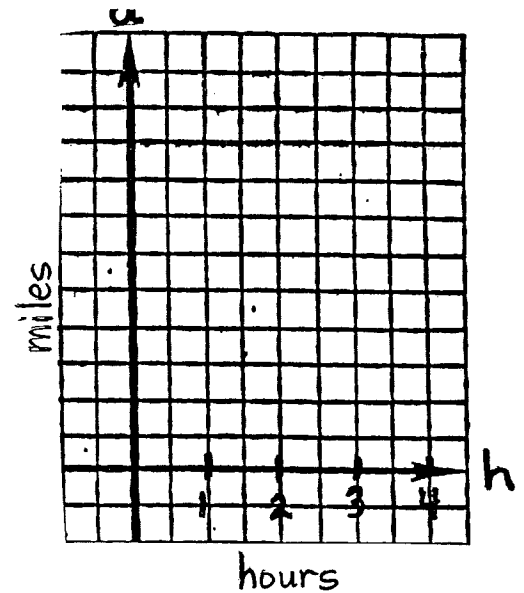
16.) Complete the table to show how far Don walked in 0, 1, 2, and 3, hours.

h	0	1	2	3
d				

17.) Plot the ordered pairs.

18.) What are the next three terms for the sequence?

1, 1, 4, 10, 19, _____, _____, _____.



19.) How many differences are needed to reach a constant for the following sequence?

1, 2, 6, 15, 31,

20.) What is the constant difference for the sequence?

