

Section 9.2 Extra Practice

1. a) Graph the ordered pairs in the table of values.

x	0	1	2	3	4	5
y	0	5	10	15	20	25

- b) What is the difference in value for consecutive x -values? What is the difference in value for consecutive y -values?
- c) What is an expression for y in terms of x ?
2. For each table of values, tell whether the relationship is linear. Explain how you know.

a)

s	2	3	4	5	6
t	5	9	15	19	25

b)

h	i
7	-6
4	-3
1	0

3. For the following table of values, graph the ordered pairs. Does the relationship appear to be linear? Explain.

u	0	2	3	6
v	3	9	12	21

4. Mahesha has \$100 altogether, in \$10 bills and \$5 bills.

- a) Copy and fill in the table of values to show at least five possible combinations of \$10 bills and \$5 bills that Mahesha may have. Add columns to the table if necessary.

Number of \$10 Bills					
Number of \$5 Bills					

- b) Draw a graph of the data. Does the relationship appear linear? Explain.
- c) Is it possible for Mahesha to have 19 \$5 bills? Explain.