

Lesson 1.2.3

1-57. See below:

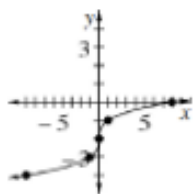
- a. 1
- b. 9
- c. t^2

1-58. See below:

- a. 3
- b. 12
- c. 3
- d. 2

1-59. See table and graph below. The graph is flat S-shaped and increasing everywhere; x -intercept is $(8, 0)$; y -intercept is $(0, -2)$; any value can be input, and value can be the output; there is no maximum or minimum; $(0, -2)$ is a special point because that is where the "S" turns direction; there are no lines of symmetry.

x	y
-8	-4
-1	-3
0	-2
1	-1
8	0



1-60. No

1-61. See below:

- a. 0.75
- b. 99
- c. 2
- d. π