

1. For the mapping below:

a. Create a t-table and graph

b. Write as a function using function notation

Domain Range

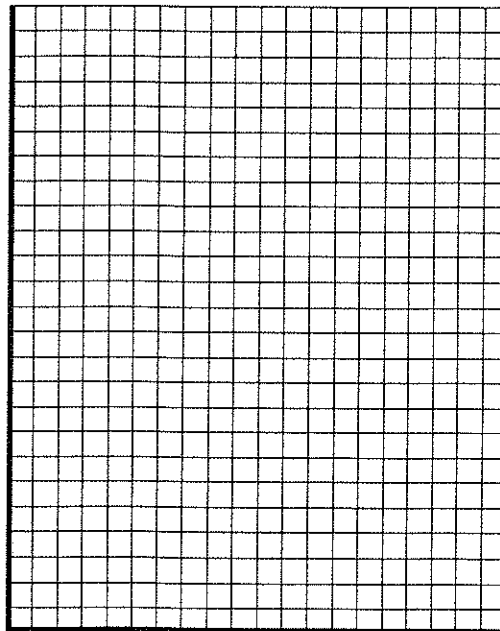
0 → 0

1 → 4

2 → 8

3 → 12

4 → 16



2. Find the domain and range of each relation. Is the relation a function?

a. (4, 0), (6, 0), (2, 0)

b. (1, 5), (3, 7), (1, 7)

3. Use the function machine to find the indicated output.

a. $f(3)$

b. $f(7)$

c. $f(-9)$



4. Find the indicated outputs for the function $g(x) = 2x + 4$.

a. $g(1)$

b. $g(-7)$

c. $g(6)$