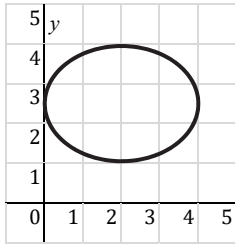


Quiz 55

1. Does the graph represent a function?



2. Is the table linear or nonlinear?

x	-4	-2	0	2	4
y	2	0	-2	0	2

3. Is the table linear, quadratic, or exponential?

x	0	1	2	3	4
y	1	4	9	16	25

4. What is the average rate of change of $f(x) = x^3$ over the interval $-1 \leq x \leq 2$?

5. If $f(x) = 3x - 6$, what is $f^{-1}(x)$?