Algebra II
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Activity 0131
Tuesday, January 31, 2023

Name:

Problem 1. Graph the relation and connection the points. Then graph the inverse. Identify the domain and range of each relation.

(a)

x	1	2	3	4
y	1	2	4	8

(b)

x	1	2	3	4	5
y	9	7	5	3	1

Problem 2. Find the inverse of the given function.

(a) $f(x) = x + 3$

(b) $f(x) = 4x$

Problem 3. Find the inverse of the given function.

(a) $f(x) = 21 - 32x$

(b) $g(x) = mx + b$

(c) $g(x) = \dfrac{2x - 7}{x}$

(d) $h(x) = \dfrac{5x}{x - 25}$

(e) $f(x) = x^2$