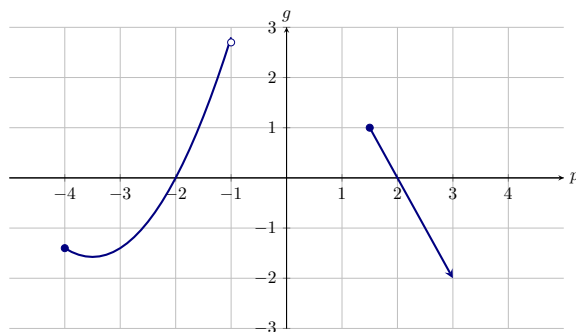


**Definition 1.** The graph below represent function pairs for the function  $g$ .



**Exercise 1**  $g(-1) \approx \boxed{DNE}$   
given

**Exercise 2**  $g(0) \approx \boxed{DNE}$   
given

**Exercise 3**  $g(-2) \approx \boxed{0}$   
given

**Exercise 4**  $g(4) \approx \boxed{-4}$   
given

**Exercise 5** Solve  $g\left(\boxed{-1.24}\right) = 2$   
given

**Exercise 6** According to the graph, the domain of  $g$  is best described by which set?

**Multiple Choice:**

- (a)  $[-4, \infty)$
- (b)  $[4, -1) \cup [1.5, 3)$
- (c)  $(-4, 3)$
- (d)  $[4, -1) \cup [1.5, \infty) \checkmark$

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**Exercise 7** According to the graph, the range of  $g$  is best described by which set?

**Multiple Choice:**

- (a)  $[-1.4, 2.8) \cup [1, -2))$
  - (b)  $(-\infty, 2.8) \checkmark$
  - (c)  $(2.8, \infty)$
  - (d)  $[1.5, \infty)$
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