Exercise 1 *Let the function A be defined as $A(g) = |g+2|-3$ with a domain of $(-\infty, \infty)$. Which of the following are pairs in A?*

Select All Correct Answers:

(a) $(-1, -2)$ ✓

(b) $(-3, -2)$ ✓

(c) $(2, 1)$ ✓

(d) $(1, 0)$ ✓

Exercise 2 *Let the function A be defined as $A(g) = |g+2|-3$ with a domain of $[0, \infty)$. Which of the following are pairs in A?*

Select All Correct Answers:

(a) $(-1, -2)$

(b) $(-3, -2)$

(c) $(2, 1)$ ✓

(d) $(1, 0)$ ✓

Exercise 3 *Let the function A be defined as $A(g) = |g+2|-3$ with a domain of $(-\infty, \infty)$. Then $A(g) > 0$ for all values of g.*

Multiple Choice:

(a) *True*

(b) *False* ✓

Exercise 4 *Let the function A be defined as $A(g) = |g+2|-3$ with a domain of $(1, \infty)$. Then $A(g) > 0$ for all values of g.*

Multiple Choice:

(a) *True* ✓

(b) *False*
