

## The First Activity

*This activity deals with Ximera activities. by billing 20210716.*

**Question 1**  $3 \times 2 =$

**Question 2**  $\frac{\partial}{\partial x} x^2 \sin(y) =$

**Question 3** Which of the following functions has a graph which is a parabola?

**Multiple Choice:**

(a)  $y = x^2 + 3x - 3$  ✓

(b)  $y = \frac{1}{x+2}$

(c)  $y = 3x + 1$

**Question 4** Which of the following numbers are even?

**Select All Correct Answers:**

(a) 2 ✓

(b) 1

(c) -4 ✓

(d) 0 ✓

**Question 5** Question goes here!

**Free Response:** This is the model solution

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Learning outcomes:  
Author(s):