**Objective**: To identify if a function is even, odd, or neither

**Link to article read in class:** <http://www.bbc.co.uk/news/magazine-20559052>

**Tell whether the function is even, odd, or neither.**

|  |  |  |
| --- | --- | --- |
|  | **Algebraically** | **Graphically** |
| **Function** | **When…** | **The exponents are…** | **Graph is symmetric about…** |
| Even |  |  |  |
| Odd |  |  |  |
| Neither | Neither even or odd |  |  |

***Beware of constants:*** *All constants really have a \_\_\_\_\_\_\_\_\_\_\_\_ and zero is \_\_\_\_\_\_\_\_\_\_\_\_.*

**Determine if the following are even, odd, or neither.**

![[image]]()

![[image]]()

5a. 5b.

6a.

6b.

6c.

7a.

7b.

7c.

8a.

![[image]]()

8b.

![[image]]()

9a.

![[image]]()

9b.

![[image]]()

9c.

![[image]]()