MODULE 4 - POWER FUNCTIONS AND POLYNOMIAL FUNCTIONS

LEARNING OBJECTIVES

In this section, you will:

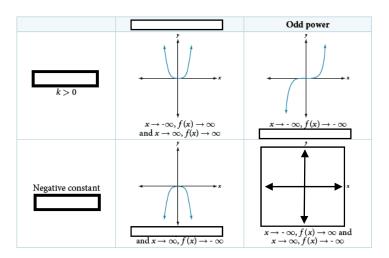
- Identify power functions.
- Identify end behavior of power functions.
- Identify polynomial functions.
- Identify the degree and leading coefficients of polynomial functions.

IDENTIFYING POWER FUNCTIONS

• State the definition of power function.

IDENTIFYING END BEHAVIOR OF POWER FUNCTIONS

• State the definition of end behavior and complete the table below using Figure 4.



IDENTIFYING POLYNOMIAL FUNCTIONS

• State the definition of polynomial functions

IDENTIFYING THE DEGREE AND LEADING COEFFICIENT OF A POLYNOMIAL FUNCTION

- State the definition of terminology of polynomial functions.
- State both of the definitions of intercepts and turning points of polynomial functions.