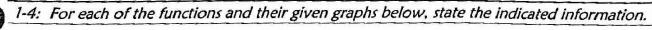
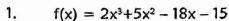
## Master & Day 03 Polynomial Functions & Behavior





Degree:

Even or odd degree:

# of zeros:

# of x-intercepts:

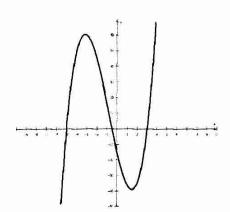
# of turns:

Leading coefficient:

Ends same or opposite:

Behavior as  $x \to -\infty$ : +(x)

Behavior as  $x \to \infty$ :  $f(x) \to f(x)$ 



2. 
$$f(x) = x^4 - 2x^3 - 13x^2 + 14x + 24$$

Degree:

Even or odd degree:

# of zeros:

# of x-intercepts:

# of turns:

Leading coefficient:

Ends same or opposite:

Behavior as  $x \to -\infty$ :  $(x) \to +\infty$ 

Behavior as  $x \to \infty$ :  $f(x) \to +\infty$ 

## $f(x) = -2x^5 - 5x^4 + 24x^3 + 41x^2 - 34x - 24$ 3.

Degree:

Even or odd degree:

# of zeros:

# of x-intercepts:

# of turns:

Leading coefficient:

Ends same or opposite:

Behavior as  $x \to -\infty$ :  $(x) \to t$ 

Behavior as  $x \to \infty$ :  $\{(x)\}$ 





