**Slant Asymptotes:** If the degree on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ higher than the degree on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, then the function has a slant asymptote, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

* Use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to find the equation.

Ex 1. 

Ex 2. 

Ex 3. What if ?

**Increasing & Decreasing:**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, read from left to right.

\*\*Only use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.\*\*

1. 

V.A: \_\_\_\_\_\_\_\_\_\_\_\_\_

H.A.: \_\_\_\_\_\_\_\_\_\_\_\_\_

S.A.: \_\_\_\_\_\_\_\_\_\_\_\_\_

x-int(s).: \_\_\_\_\_\_\_\_\_\_

y-int: \_\_\_\_\_\_\_\_\_\_\_\_\_

![[image]]()

Hole: \_\_\_\_\_\_\_\_\_\_\_\_

Inc: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dec: \_\_\_\_\_\_\_\_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_

1. 

V.A: \_\_\_\_\_\_\_\_\_\_\_\_\_

H.A.: \_\_\_\_\_\_\_\_\_\_\_\_\_

S.A.: \_\_\_\_\_\_\_\_\_\_\_\_\_

x-int(s).: \_\_\_\_\_\_\_\_\_\_

y-int: \_\_\_\_\_\_\_\_\_\_\_\_\_

![[image]]()Holes: \_\_\_\_\_\_\_\_\_\_\_\_

Inc: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dec: \_\_\_\_\_\_\_\_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_

1. 

V.A: \_\_\_\_\_\_\_\_\_\_\_\_\_

H.A.: \_\_\_\_\_\_\_\_\_\_\_\_\_

S.A.: \_\_\_\_\_\_\_\_\_\_\_\_\_

x-int(s).: \_\_\_\_\_\_\_\_\_\_

y-int: \_\_\_\_\_\_\_\_\_\_\_\_\_

![[image]]()

Holes: \_\_\_\_\_\_\_\_\_\_\_\_

Inc: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dec: \_\_\_\_\_\_\_\_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_