

#1  $y = x^3 - 3x^2 + 3$

Interval	Y	Y'	Y''	Conclusion

$y =$  \_\_\_\_\_

$y' =$  \_\_\_\_\_

$y'' =$  \_\_\_\_\_

X-intercept: \_\_\_\_\_

y-intercept: \_\_\_\_\_

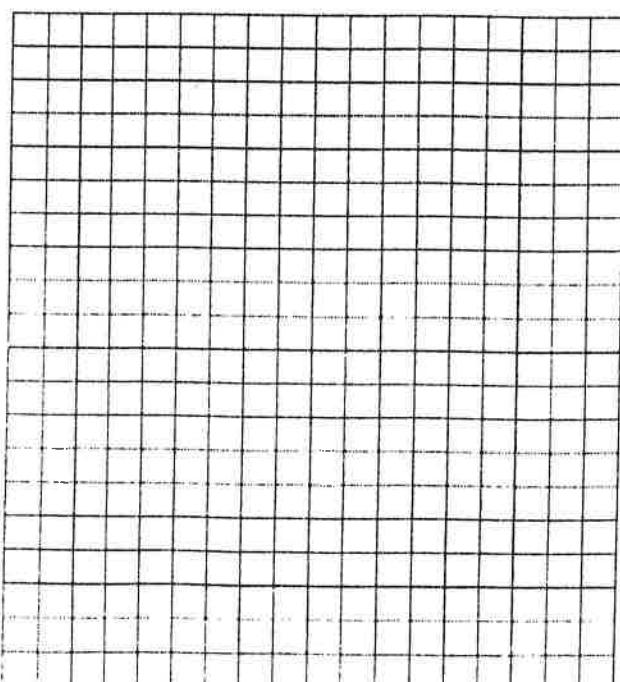
Asymptote: \_\_\_\_\_

Critical #'s: \_\_\_\_\_

Points of Inflection: \_\_\_\_\_

Domain of Y: \_\_\_\_\_

Graph:



$$\#3 \quad y = x\sqrt{4 - x^2}$$

$\gamma =$  \_\_\_\_\_

$$Y' = \underline{\hspace{1cm}}$$

$$Y'' = \underline{\hspace{1cm}}$$

X-intercept: \_\_\_\_\_

y-intercept: \_\_\_\_\_

**Asymptote:** \_\_\_\_\_

**Critical #'s:** \_\_\_\_\_

**Points of Inflection:** \_\_\_\_\_

Domain of Y : \_\_\_\_\_

### Graph:

