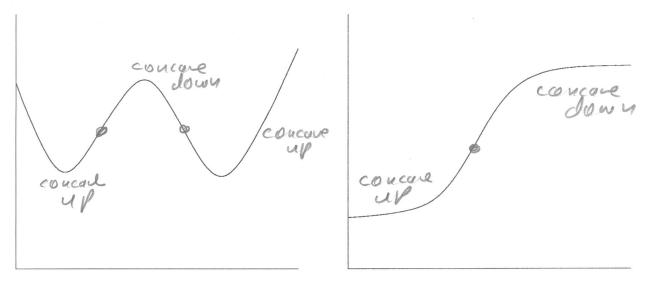
Quiz #25

Name: K-E \(\section \)

You must show your work to get full credit.

1. Label the inflection points on the following two graphs.



2. Let $f(x) = 2x^3 - 6x^2 + 4x + 2$. Find the inflection point(s) on y = f(x) and give both the x and y coordinates.

Inflection point(s) are ____(1,3)

 $\beta'(x) = 6x^2 - 12x + 4$ $\beta''(x) = 12x - 12 = 0$ when 12x = 12 x = 1 $\frac{1}{12} = 12x - 12 = 0$ when 12x = 12 x = 1 $\frac{1}{12} = 12x - 12 = 0$ when 12x = 12 x = 1 $\frac{1}{12} = 12x - 12$ concare up $\frac{1}{12} = 12x - 12$ $\frac{1}{12} = 12x -$

50 [Inflection point]
15 at x=1 $y=611)=2(1)^3-6(1)^2+4(1)+3$ =2-6+4+3 =9-6=3