Mathematics – Level2

Inflection Points

Q1: Let $f'(x) = x^2 - x - 2$,*then the inflection points will be*:

a) 0	b) $\frac{1}{2}$	c) $-1, \frac{1}{2}, 2$	d) $-1,2$

Q2: Let $f(x) = 2x^2 - 4$, *then the inflection points will be*:

a) 2	b) 0	c) 0,4	d) No inflection points

Q3: Let $f(x) = x^4 - 3x^2 + 2$,*then the inflection points will be*:

a) $\frac{\sqrt{6}}{2}, -\frac{\sqrt{6}}{2}$	b) $\frac{\sqrt{2}}{2}$	c) $-\frac{\sqrt{2}}{2}, \frac{\sqrt{2}}{2}$	d) $-\frac{\sqrt{6}}{2}, \frac{\sqrt{6}}{2}, -\frac{\sqrt{2}}{2}, \frac{\sqrt{2}}{2}$