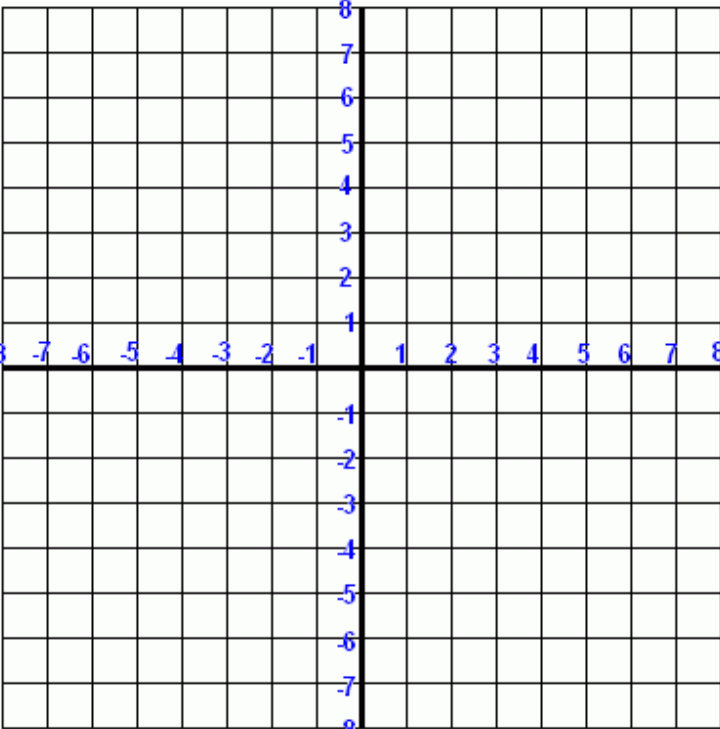


8) List the potential rational zeros and the actual zeros of the polynomial function.

$$f(x) = x^3 + 5x^2 + 8x + 4 \quad [8 \text{ points}]$$

Potential rational zeros: \_\_\_\_\_

Actual zeroes: \_\_\_\_\_

	Give x intercepts
	Give y intercepts
	Domain
	Range
	Turning points

Use mathematica to graph.