

Sketch Graph from Calculator

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| Equation | 1. $f(x) = 2x^3 + 8x^2 + 6x$ | |
| Factored Equation | | |
| End behavior | | |
| x-intercepts (Use calculator) (with multiplicities) | | |
| y-intercept (Look on table where $x=0$) | | |
| Extrema | | Intervals of Increase & Decrease |

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| Equation | 2. $y = x^4 - 2x^2 + 1$ | |
| Factored Equation | | |
| End behavior | | |
| x-intercepts (Use calculator) (with multiplicities) | | |
| y-intercept (Look on table where $x=0$) | | |
| Extrema | | Intervals of Increase & Decrease |

$x^3 - 5x^2 - x + 5$ Sketch Graph from Calculator

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| Equation | 3. $f(x) = $ scribble | |
| Factored Equation | | |
| End behavior | | |
| x-intercepts (with multiplicities) | (Use calculator) | |
| y-intercept | (Look on table where $x=0$) | |
| Extrema | | Intervals of Increase & Decrease |

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|---------------------------------------|------------------------------|----------------------------------|
| Equation | 5. $f(x) = x^4 - x^3 - 6x^2$ | |
| Factored Equation | | |
| End behavior | | |
| x-intercepts (with multiplicities) | (Use calculator) | |
| y-intercept | (Look on table where $x=0$) | |
| Extrema | | Intervals of Increase & Decrease |