

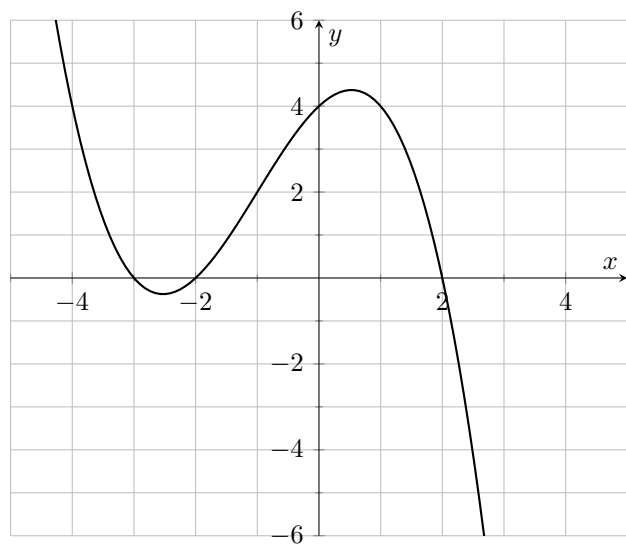
Name _____

Date _____

Period ____

BE PRECISE	Integrating	Applying	Practicing	Acquiring	Awaiting Evidence
I can calculate accurately and efficiently, and be precise in all of my math.	Selects and applies the correct procedure and solves all routine problems. AND Expresses the answer to the correct level of precision needed for the problem (including the correct rounding, units, math symbols, labeling, graphing, vocab...)	Selects and applies the correct procedure and solves all routine problems. AND Expresses the answer to the correct level of precision needed for the problem (including the correct rounding, units, math symbols, labeling, graphing, vocab...)	Selects and applies the correct procedure and solves most routine problems. AND Expresses the answer to the correct level of precision needed for the problem (including the correct rounding, units, math symbols, labeling, graphing, vocab...)	Selects and applies the correct procedure and solves some routine problems. AND Attempts to express the answer to the correct level of precision needed for the problem (including the correct rounding, units, math symbols, labeling, graphing, vocab...).	Selects and attempts to apply the correct procedure for some routine problems.
Criteria	When describing the graph, you have to address, if exists, the x -intercept, y -intercept, maxima and minima (both absolute and relative), asymptotes, symmetric axes, and the period.				

1. Describe the following graph.



Description

2. Let $f(x) = x^2 + 5x + 4$. Find the zeros, the y -intercept and the vertex of the graph of $f(x)$, then plot the graph.