REWRITING MATH QUESTIONS AT HIGHER LEVELS USING BLOOM'S TAXONOMY AND COSTA'S THREE LEVELS OF QUESTIONING.

LEVEL ONE	LEVEL TWO	LEVEL THREE
Define a trapezoid.	Distinguish a trapezoid from other quadrilaterals.	Draw a blueprint for a stable structure using trapezoids.
Solve $7x - 2x - 21 = 3x + 6$	Explain each step in simplifying each side and solving the equation.	Create a scenario in which this equation would be used.
Write the equation for finding the lateral area of a cone.	Compare the equations for the lateral area of a cone and a regular pyramid.	Explain why cones can be considered a type of pyramid.
What is the sum of the interior angles of a hexagon?	How does the sum of the interior angles of a polygon change as you increase the number of sides?	Create a formula for finding the sum of the interior angles of any polygon.
Evaluate the equation $5x^3 - 5$ when x = 3.		
	When graphing polynomial functions, how does the equation tell you the direction of the tails?	
		Predict what will happen to the population of a city in 20 years if birth rates decline by 10% each year.