Tutorial Request Form A (TRF)
Pre-work Inquiry (Before the Tutorial)

AVID
Decades of College Dreams

Subject: IM?	Name: Sample
Standard Essential Question:	AVID Period:
Polynomials	Date:

Pre-Work Inquiry	Resources	Collaborative Inquiry	Note-Taking	Reflection	Total
____ /12	____ /1	____ /2	____ /3	____ /7	____ /25

Initial/Original Question: Source, Page # and Problem #: ___Lecture 12/3/19___

Find x-intercepts of the polynomial $x^2 + 5 + 6 = 0$ /1

Key Academic Vocabulary/Definition Associated With Topic/Question:

1. x-intercepts —the x-coordinate of a point where a line, curve or surface intersects the x-axis

2. Factoring—to factor a polynomial means to break it up into terms that can be multiplied together to get the original polynomial   /2

What I Know About My Question:

1. When I redistribute my two terms, I should end up with my original polynomial

2. Setting my two terms equal to zero will find my x-intercepts once I solve for x   /2

Critical Thinking About Initial Question:	Identify General Process and Steps:
$x^2 + 5 + 6 = 0$ $\dfrac{AC}{B} \Rightarrow 3\dfrac{6}{5}2$ $\Rightarrow (x+3)(x+2)$ /3	1) rewrite the equation

2) set-up x box by finding terms that multiply to AC and add to B

3) rewrite polynomial in factored form

THIS IS WHERE I'M STUCK!   /2 |

Question From Point of Confusion: When working with polynomials, what is the process of finding the x-intercepts of the polynomial after rewriting the polynomial in factored form?   /2

When working with the essential question, what is the process of the initial question after the last step in the process box?