

Removing the Ceiling:

Empowering Highly Capable Middle/High School Students with Extended Math Writing Assignments

NAGC 2017

PIQUE STUDENT CURIOSITY

45	57	39
+ 54	+ 75	+ 93
<u>99</u>	<u>132</u>	<u>132</u>
	+ 231	+ 231
	<u>363</u>	<u>363</u>

45: 1 Step Palindrome

57: 2 Step Palindrome

39: 2 Step Palindrome

11: 0 Step Palindrome

PROMPT STUDENT INQUIRY

What do you notice?

What do you wonder?

WRITING OBJECTIVES

Clearly communicate the problem/scenario

Clearly communicate what the paper accomplishes.

Scope of analysis

What would motivate others to read this?

Clearly communicate the organization of the paper

Roadmapping

Signposting

Effectively weave mathematical symbols and notation into writing

Effectively writing about deductive reasoning

-Contact GafniP@uw.edu with questions or feedback.

-Find out more about the Robinson Center at RobinsonCenter.uw.edu