***Estimating the Side Length of a Square***

***Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

Opening Activity:

Just to refresh yourselves, on the grid draw a square with ***an area of*** ***16 units2.***

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Now on the grid draw a square with an ***area of 9 units2.***

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Now on the grid draw a square with an ***area of 12 units2.***

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What is difficult about the last question? Does that mean there is no square?

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Let’s try some examples…

A) Area = 13 B) Area = 20 C) Area = 70

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***Describe a method that you could teach to someone, how they could estimate the side lengths of a square.***

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***Estimating Square Roots***

***Use a number line***