



# Can You Guess My Numbers?

An interactive Back to School Game

Subjects:

Math

Grade Levels:

Upper elementary  
Middle School

Skills:

Measurement  
Problem Solving  
Google Slides



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## Directions:

Assign each student a copy of the Google Slides or give the pdf form to create offline.

Students must first decide on 6 different numbers that they want to share about themselves:

Age, number of family members or pets, height, shoe size, head circumference, numbers of states visited, etc.

If you are working with younger students you may want to brainstorm together the numbers you will be using

Be sure to have them include some things where they are actually taking measurements such as width, circumference, etc.

Then, they must write level appropriate number sentences/riddles where the answer is one of the numbers about them.

## EXAMPLE:

Simple Arithmetic- My age is double 20

Harder-My age is the number of years in 14,600 days.

Students must do this for all six numbers. The goal is to make them tricky but solvable



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Once they have completed their notes, they must create a Slides presentation or poster that asks the questions on one slide and then answers it on another.

They should include pictures as well to make it more engaging. I suggest having them put in pictures of the things they use to measure too.

After students have completed this, they should email their final products to you.

When everyone is turned in, you can present them or have the students present them to see how quickly others can answer them.

## Assessment:

Since this is a beginning of the year activity, you are assessing what kind of problem solving and number sense your students have. Not only will the riddles that they come up with be able to tell you what level your students are performing at, but their ability to solve other student's riddles will also.

## NON-Digital:

Print the data collection sheet for students and then have them create a poster with the information



Click on the link to get a copy of the student Google Slides Presentation. Save to your drive and then assign to your students by making a copy for each of them in Google Classroom

## EXAMPLE

My shoe size is  
the answer to  
 $(15+3-5)/2$

Include images  
to make the  
presentation  
more engaging



Click  
here



Click here  
for a PDF  
file for  
students to  
do the  
project  
offline

## EXAMPLE





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# Sources

All material created by:



Please feel free to contact me with any questions or comments!  
Technology is a real b!t\$# sometimes and does things that even I can't foresee. I'm happy to help any way that I can.

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