

# Happy New Year!

*It is time to brush up your math skills after a long winter's break! Solve the question in each square, and look for the bingo- the row with all 4 digit answers. Show your work on a separate piece of paper.*

2

0

1

7

What is the product when you multiply the digits? ( $2 \times 0 \times 1 \times 7$ )	Is the year prime or composite? How do you know?	Take the digits in reverse (7102) and subtract the current year.	Write the year in expanded form.
Write the first three multiples of the year.	What do you need to add to 2,017 to get to 10,000?	What is the greatest number you can create using the digits above?	Rearrange the digits. Find a number that is divisible by 2, 5 and 10.
Is the current year divisible by 2? by 3? by 5?	Use the digits to create 3 different composite numbers.	Make up a story problem with the year as your answer. Write it on the back of this page.	Take the first 3 digits and multiply by the last digit.
Divide the year by your current age.	Subtract the year your teacher was born from the current year.	Take the first two digits and multiply by the last two digits.	Which digit(s) are prime?  Which digit(s) are square?

B  
I  
N  
G  
O

<p>What is the product when you multiply the digits? (2x0x1x7) <i>Answer: 0</i></p>	<p>Is the year prime or composite?  <i>Answer: Composite</i></p>	<p>Take the digits in reverse (7102) and subtract the current year.  <i>Answer: 5,085</i></p>	<p>Write the year in expanded form.  <i>Answer: 2,000 + 10 + 7</i></p>
<p>Write the first three multiples of the year.  <i>Answer: 2,017 4,034 6,068</i></p>	<p>What do you need to add to 2,017 to get to 10,000?  <i>Answer: 7,983</i></p>	<p>What is the greatest number you can create using the digits above?  <i>Answer: 7,210</i></p>	<p>Rearrange the digits. Find a number that is divisible by 2, 5, and 10.  <i>Answer: any number with a zero in the ones place</i></p>
<p>Is the current year divisible by 2? by 3? by 5? <i>Answers: No No No</i></p>	<p>Use the digits to create 3 different composite numbers.  <i>Answers will vary</i></p>	<p>Make up a story problem with the year as your answer.  <i>Answers will vary</i></p>	<p>Take the first 3 digits and multiply by the last digit.  <i>Answer: 1,407</i></p>
<p>Divide the year by your current age.  <i>Answers will vary</i></p>	<p>Subtract the year your teacher was born from the current year.  <i>Answers will vary</i></p>	<p>Take the first two digits and multiply by the last two digits.  <i>Answer: 340</i></p>	<p>Which digit(s) are prime?  <i>Answer: 2, 7</i></p> <p>Which digit(s) are square?  <i>Answer: 1</i></p>