

## Number Riddles Recording Sheet

Use the clues to solve these number riddles.

<p><b>Riddle #1 –</b>                      I am a 3-digit whole number between 400 and 650.                      My hundreds digit is divisible by 2 but not 3.                      My tens digit is a multiple of 3.                      My ones digit is <math>\frac{1}{2}</math> of my tens digit.                      All of my digits are different.                      The sum of my digits is 13.                      What number am I?</p>	<p><b>Riddle #2 –</b>                      I'm a 2-digit whole number between 30 and 80.                      My tens digit is one more than my ones digit.                      I am a prime number.                      What number am I?</p>	<p><b>Riddle #3 –</b>                      I am a four-digit whole number greater than 6000.                      My thousands digit is prime.                      My ones digit is the only even prime number.                      I am divisible by 4.                      My tens digit is <math>\frac{1}{2}</math> my hundreds digit.                      All of my digits are different.                      What number am I?</p>
<p><b>Riddle #4 –</b>                      I'm an odd number between 250 and 700.                      I am divisible by 5.                      My tens digit is 3 more than my ones digit.                      The sum of my digits is 17.                      What number am I?</p>	<p><b>Riddle #5 –</b>                      I am between 150 and 375.                      All of my digits are odd.                      My tens digit is 3 times my ones digit.                      My hundreds digit is my smallest digit.                      None of my digits is the same.                      What number am I?</p>	<p><b>Riddle #6 –</b>                      I am a three-digit whole number between 300 and 500.                      My ones digit is the largest single digit prime number.                      My tens digit is even.                      The sum of my digits is 14.                      What number am I?</p>
<p><b>Riddle #7 –</b>                      I am a 3-digit odd number greater than 800.                      My tens digit is 2 less than my ones digit.                      I am divisible by 3 but not 5.                      The sum of my digits is 12.                      What number am I?</p>	<p><b>Riddle #8 –</b>                      I am a four-digit whole number.                      I am divisible by 5 but not 10.                      My thousands digit is neither prime nor composite.                      My hundreds digit is 2 more than my tens digit.                      The sum of my digits is 8.                      What number am I?</p>	<p style="text-align: center;"><b><u>Challenge</u></b></p> <p>Create two riddles of your own. Include the answer to your riddle on the back of the paper.</p>