

Name _____



Build the Mystery Number

Read each set of clues carefully. Use the place-value information to construct the number.

1. The Hidden Treasure Code - The number has six digits. The digit 4 is worth 400,000. The digit 7 has a value of 70,000. A 3 is in the hundreds place, and the digit in the tens place is 6. Every place not described contains a zero.

Number: _____

2. The Rocket Launch Number - Build a seven-digit number. The millions digit is 5. The digit 2 is worth 20,000. There is an 8 in the thousands place. The value of the digit 4 is 400. The ones digit is 9, and every unused place contains zero.

Number: _____

3. The Ancient Temple Code - This number is greater than 800,000 but less than 900,000. The ten-thousands digit is 3. The digit 6 has a value of 6,000. A 2 is worth 200. The tens digit is 5, and the ones digit is 1.

Number: _____

4. The Deep-Sea Coordinates - The number contains the digits 7, 4, 9, and 2, along with zeros. The 7 has the greatest value. The 9 is worth 9,000. The value of the 4 is one hundred times the value of the 2. The digit 2 is in the ones place. The number has six digits.

Number: _____

5. The Mountain Summit Code - The hundred-thousands digit is 6. The digit in the thousands place is twice the digit in the hundreds place. The hundreds digit is 4. The number has a 7 in the tens place. The ten-thousands and ones places both contain zero.

Number: _____

6. The Time-Travel Portal - Construct the number with these clues: 3 has a value of 3,000,000. The value of the digit 5 is 50,000. The digit 8 is two places to the right of the 5. A 4 appears in the tens place. The hundred-thousands, hundreds, and ones places contain zero.

Number: _____