



Place Value

Gold

These Gold questions ask for more reasoning and explaining, a genuine stretch beyond the Year 3 minimum.

Name: _____ Date: _____

Section A: Reasoning

1. A number has a 3 in the hundreds place, a 0 in the tens place, and a 7 in the ones place. Write the number, then write it in words.

2. What is the difference between the largest and smallest 3-digit numbers you can make using 1, 4, 9?

3. A number rounds to 500 when rounded to the nearest 100. Give two numbers it could be.

4. If you add 100 to a number three times, and end up at 850, what was the starting number?

5. Explain why 199 is closer to 200 than to 100.

Section B: Applying Place Value

1. Put these numbers in order, largest first, and explain how you decided: 306, 360, 63, 630

2. A number is between 400 and 500. Its tens digit is double its ones digit. Give one number this could be.

3. What is 10 more than the smallest 3-digit number possible?

4. If the digits of a number add up to 9, and the number is between 100 and 200, give one number this could be.

5. Write three different 3-digit numbers that would all round to 700.
