

Challenge

Clue Me In

Use the clues to find each number. Write the number on the line.

1. My hundreds and tens digits are the same.
My thousands digit is the greatest digit and it is 4 times my ones digit.
My tens digit is 2 less than my ones digit. _____

2. All four of my digits are different.
My ones digit is 3 times my tens digit.
The sum of my hundreds digit and tens digit is equal to my thousands digit.
My thousands digit is 2 less than my ones digit. _____

3. My thousands digit is 6.
My ones digit and hundreds digit are the same. They are each 5 less than my tens digit.
The sum of my thousands and tens digits is 11.
My ten thousands digit is 1 less than my tens digit. _____

4. My ten thousands and thousands digits are the same.
My hundreds and tens digits are the same.
My ones digit is 1 more than my tens digit and 2 more than my thousands digit.
The sum of all five of my digits is 9. _____

5. I am made up of only 3 different digits.
The sum of my digits is 3.
My ten thousands digit is double my tens digit. _____

6. Find the difference between the answers for exercises 1 and 2. _____

7. Which two exercises above have a difference of 34,827?

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Clue Me In

Use the clues to find each number. Write the number on the line.

1. My hundreds and tens digits are the same.
My thousands digit is the greatest digit and it is 4 times my ones digit.
My tens digit is 2 less than my ones digit.

8,002

2. All four of my digits are different.
My ones digit is 3 times my tens digit.
The sum of my hundreds digit and tens digit is equal to my thousands digit.
My thousands digit is 2 less than my ones digit.

7,439

3. My thousands digit is 6.
My ones digit and hundreds digit are the same. They are each 5 less than my tens digit.
The sum of my thousands and tens digits is 11.
My ten thousands digit is 1 less than my tens digit.

46,050

4. My ten thousands and thousands digits are the same.
My hundreds and tens digits are the same.
My ones digit is 1 more than my tens digit and 2 more than my thousands digit.
The sum of all five of my digits is 9.

11,223

5. I am made up of only 3 different digits.
The sum of my digits is 3.
My ten thousands digit is double my tens digit.

20,010

6. Find the difference between the answers for exercises 1 and 2.

563

7. Which two exercises above have a difference of 34,827?

Exercises 3 and 4 or 46,050 – 11,223