

Challenge

Decimal Clues

Use the clues to find the decimal.

1. I am a decimal between 0.3 and 0.5. The digit in my hundredths place is 5 greater than my tenths digit. The sum of my digits is greater than 11.

2. I am a decimal between 0.2 and 0.4. My thousandths digit is 4 greater than my tenths digit. When read from left to right, the digits in my decimal places are consecutive prime numbers.

3. I am a decimal less than 0.4 but greater than 0.3. None of my digits are the same. The product of my tenths digit and my hundredths digit is my thousandths digit.

4. I am a decimal greater than 0.5. All my digits are different multiples of 2, but none of my digits is 2. The greatest digit is in my tenths place. The least digit is in my thousandths place.

5. I am a decimal between 0.7 and 0.8. The digit in my thousandths place is 9 greater than the digit in my hundredths place.

6. I am a decimal between 0.57 and 0.71. My thousandths digit is 2 greater than my hundredths digit, which is 1 greater than my tenths digit.

7. I am a decimal greater than 0.04 and less than 0.2. My tenths digit is 3 less than my thousandths digit, which is 3 less than my hundredths digit. Which two numbers might I be?

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Decimal Clues

Use the clues to find the decimal.

1. I am a decimal between 0.3 and 0.5. The digit in my hundredths place is 5 greater than my tenths digit. The sum of my digits is greater than 11.

0.49

2. I am a decimal between 0.2 and 0.4. My thousandths digit is 4 greater than my tenths digit. When read from left to right, the digits in my decimal places are consecutive prime numbers.

0.357

3. I am a decimal less than 0.4 but greater than 0.3. None of my digits are the same. The product of my tenths digit and my hundredths digit is my thousandths digit.

0.326

4. I am a decimal greater than 0.5. All my digits are different multiples of 2, but none of my digits is 2. The greatest digit is in my tenths place. The least digit is in my thousandths place.

0.864

5. I am a decimal between 0.7 and 0.8. The digit in my thousandths place is 9 greater than the digit in my hundredths place.

0.709

6. I am a decimal between 0.57 and 0.71. My thousandths digit is 2 greater than my hundredths digit, which is 1 greater than my tenths digit.

0.679

7. I am a decimal greater than 0.04 and less than 0.2. My tenths digit is 3 less than my thousandths digit, which is 3 less than my hundredths digit. Which two numbers might I be?

0.063 0.174
