



15th CSL Student Conference

February 26-28, 2020

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THE WEEKLY RIDDLE

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Suppose you can measure a digit's frequency by counting the number of times that it appears in a given set of numbers.

For example, the frequency of the digit 1 in the set {112, 56, 331, 21} is four because the digit 1 appears twice in the number “112”, and once in each of the numbers “331” and “21”.

For the set of positive integers from 1 to 2020 (inclusive on both ends),

1. What is the most frequent digit?
2. What is the frequency of this digit?

Note: Only those who correctly answer both questions in the riddle are eligible to be randomly selected for the \$15 Amazon gift card.

Graduate Students - Submit your answers online at <https://tinyurl.com/v7qvnuq> (QR code below) before February 22nd at 11:59 PM for a chance to win a \$15 Amazon gift card!



Congratulations to the Week 4 Riddle winner Archit Patkel! The correct answer was 44.



Register for the conference at <https://studentconference.csl.illinois.edu/>

