Dominoes: Make 100

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Dominoes

Place your dominoes end to end and count the spots.

Can you make a line of dominoes that totals 20?

Can you make a line of dominoes that totals 50?

Can you make a line of dominoes that totals 100?

- What is the fewest number of dominoes you can use?
- What is the most number of dominoes you can use?

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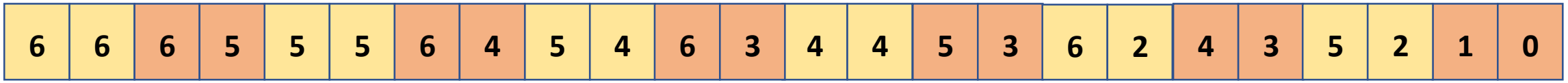

I think this line uses the fewest number of dominoes.

How do you know? How can you be sure that this is the shortest line?

Because I have used all the big numbers

12 + 11 = 23

23 + 10 = 33

33 + 10 = 43

43 + 9 = 52

52 + 9 = 61

61 + 8 = 69

69 + 8 = 77

77 + 8 = 85

85 + 7 = 92

92 + 7 = 99

99 + 1 = 100

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