

Chapel Hill Math Circle
Beginners Group (1-3)
May 7, 2016

1. What is the sum of the natural numbers 1 through 10? In other words, what is

$$1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10?$$

2. What is the sum of the natural numbers 1 through 20?

3. What is the sum of the natural numbers 1 through 25?

4. What is the sum of the natural numbers 1 through 100?

5. Let n be a natural number. What is $1 + 2 + 3 + \dots + n$?