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In [4]: # Given a number n, draw an square with base n.  
# In this example n=10
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In [31]: # Given a number n, draw a triangle (rectangle) with base n.  
# In this example n= 9
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In [32]: # Given a number n, draw an inverted triangle (rectangle) with base n.  
# In this example n= 10
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- 2.- The prime factors of 13195 are 5, 7, 13 and 29. What is the largest prime factor of the number 600851475143 ?
- 3.- A palindromic number reads the same both ways. The largest palindrome made from the product of two 2-digit numbers is $9009 = 91 \times 99$. Find the largest palindrome made from the product of two 3-digit numbers.
- 4.- 2520 is the smallest number that can be divided by each of the numbers from 1 to 10 without any remainder. What is the smallest positive number that is evenly divisible by all of the numbers from 1 to 20?