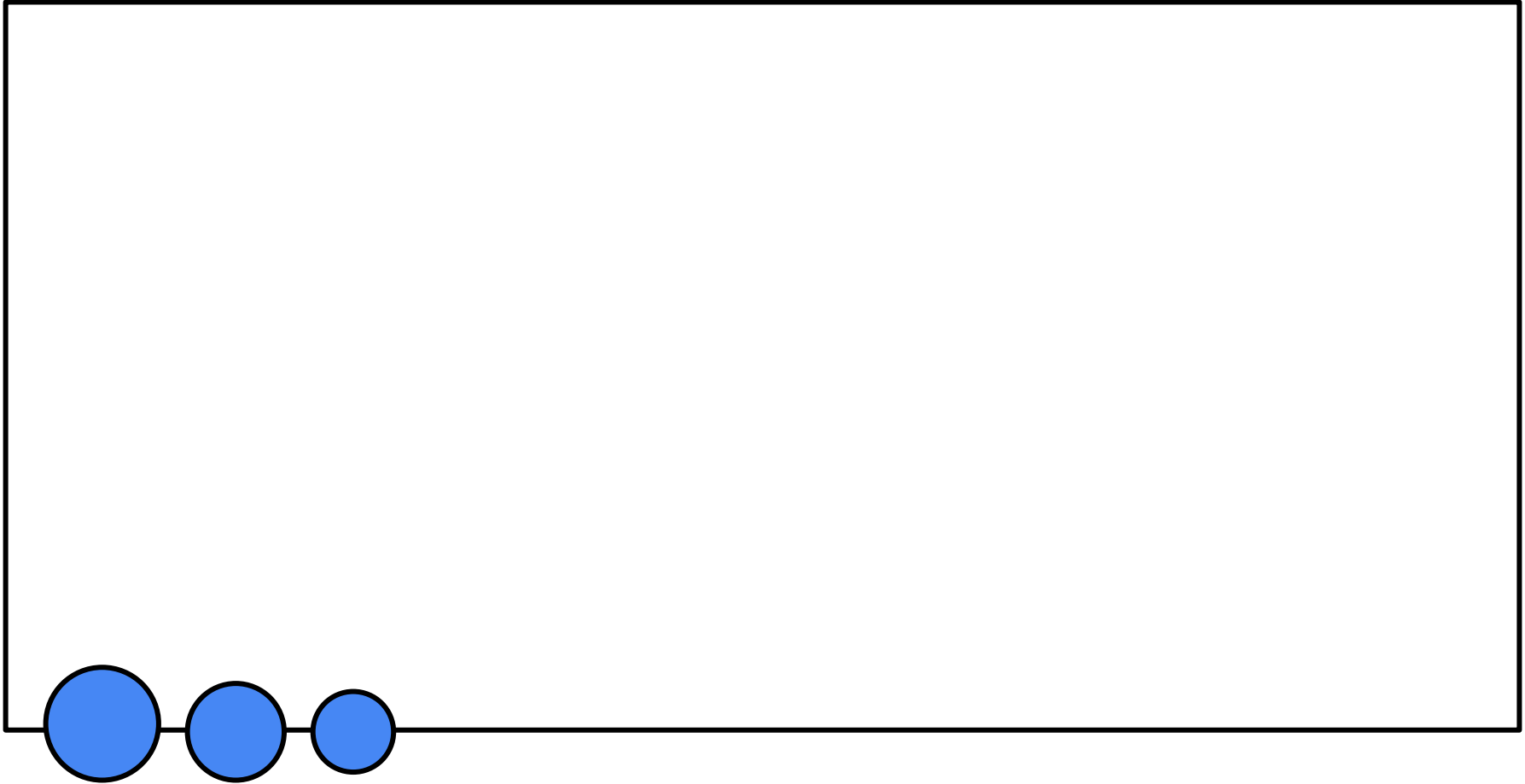




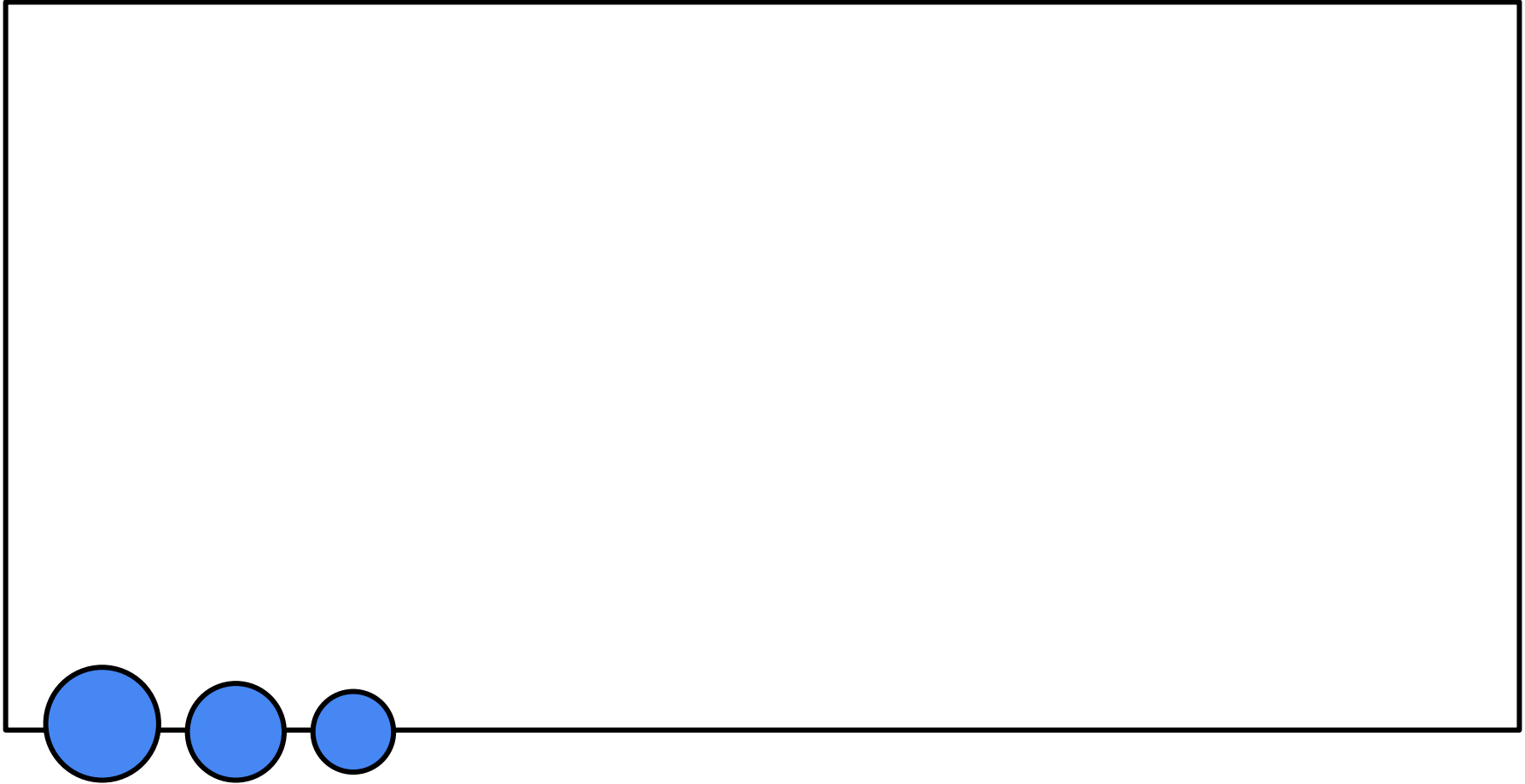
# **NUMBER SYSTEM: DIVISIBILITY**



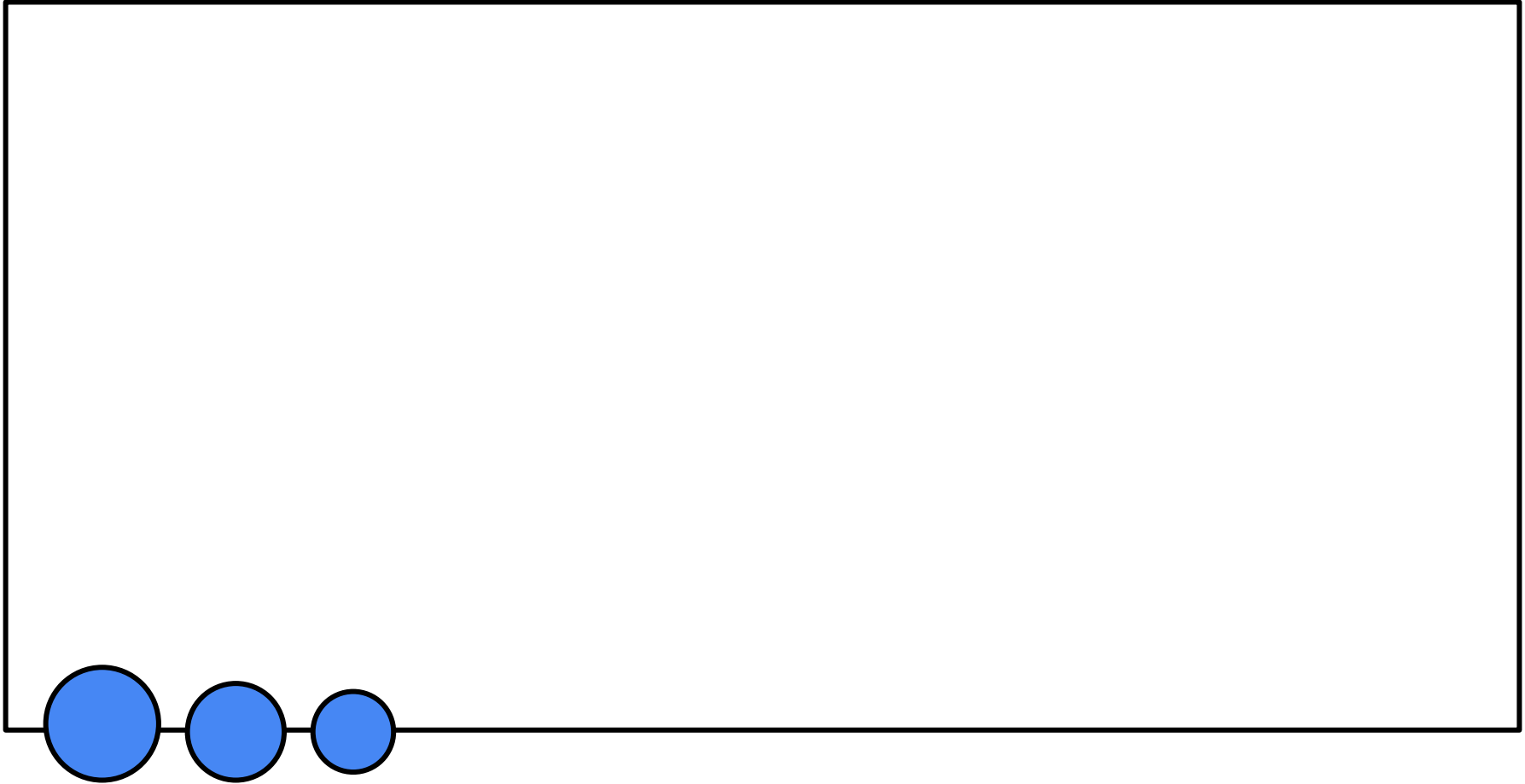
# DIVISIBILITY



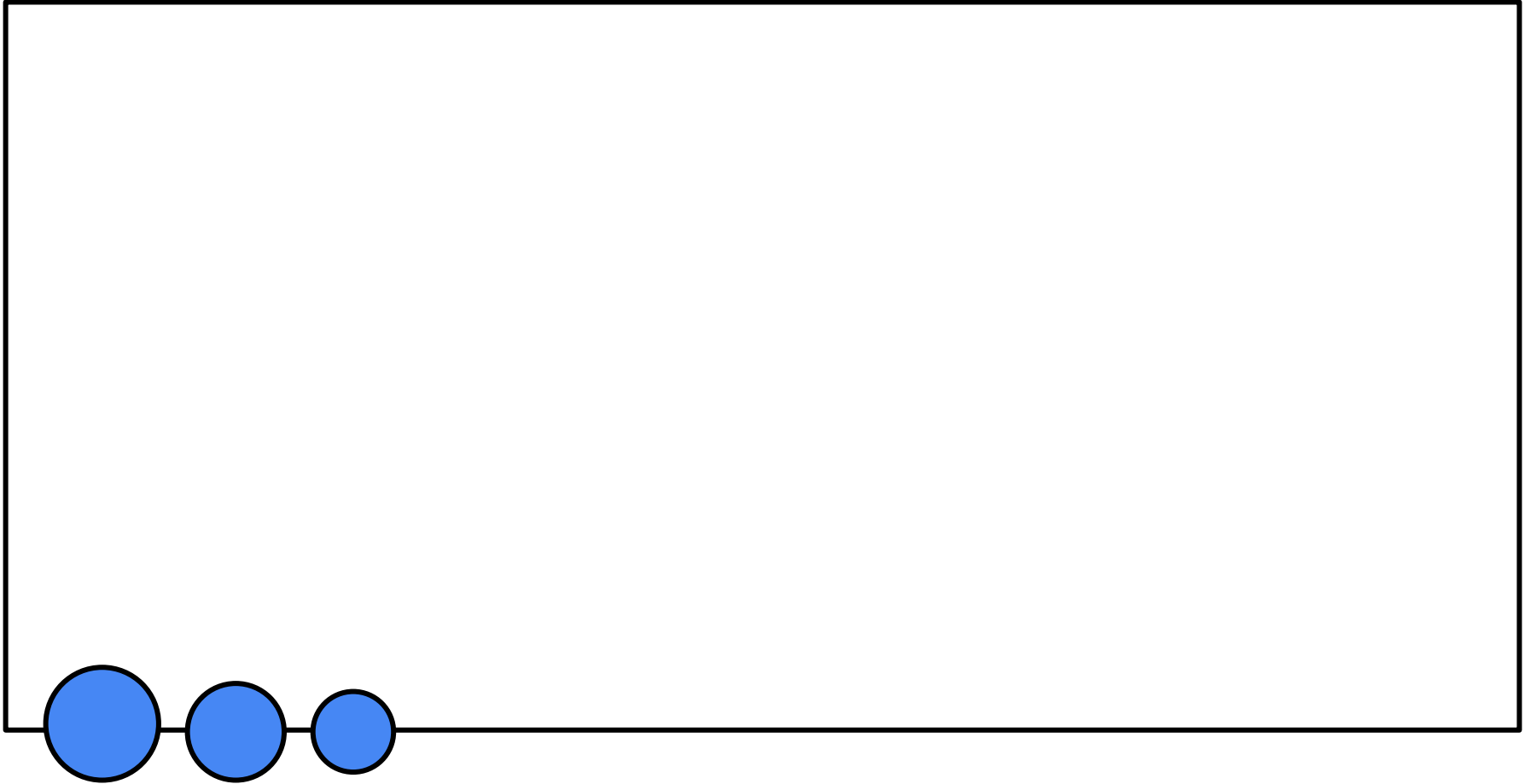
# DIVISIBILITY



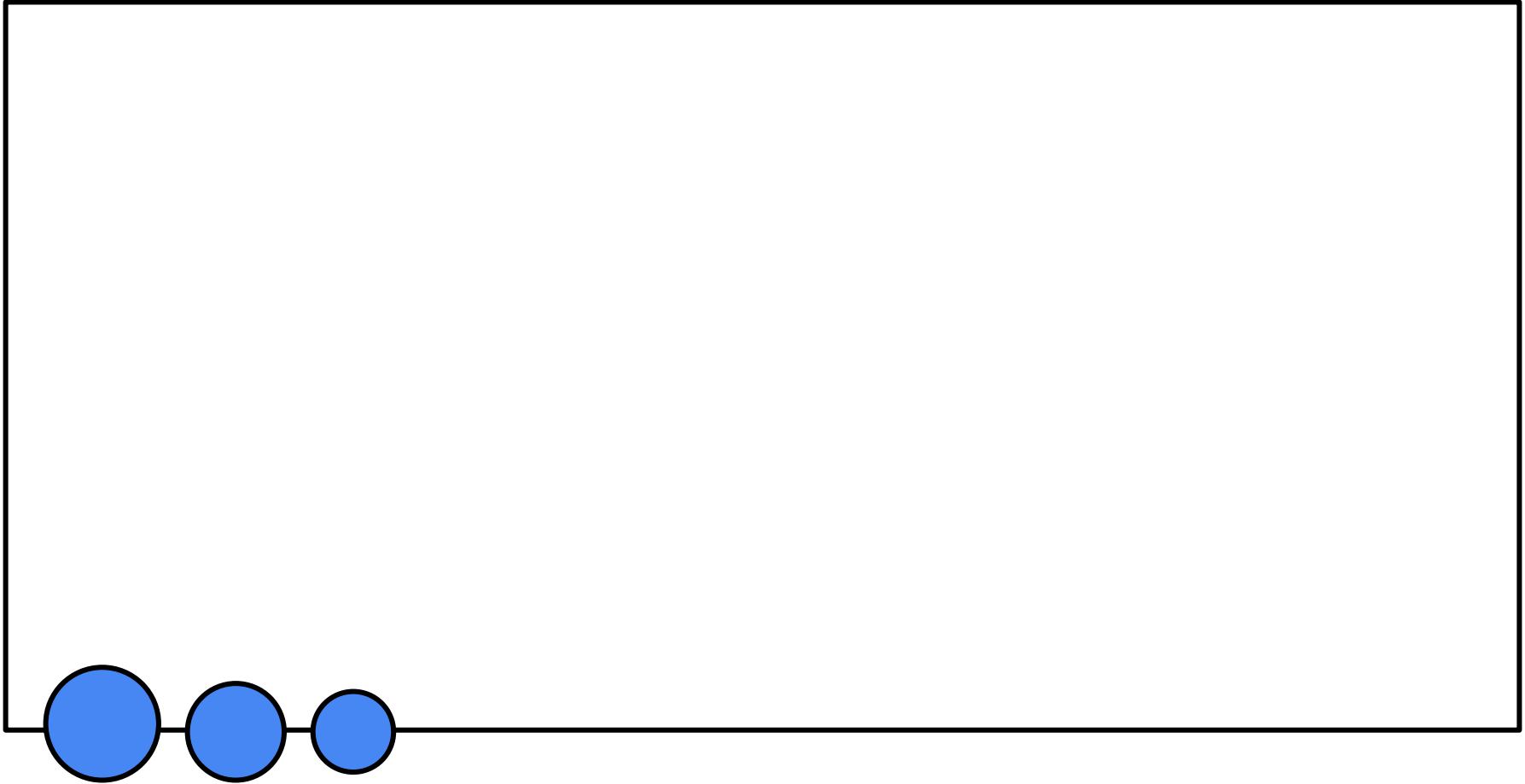
# DIVISIBILITY



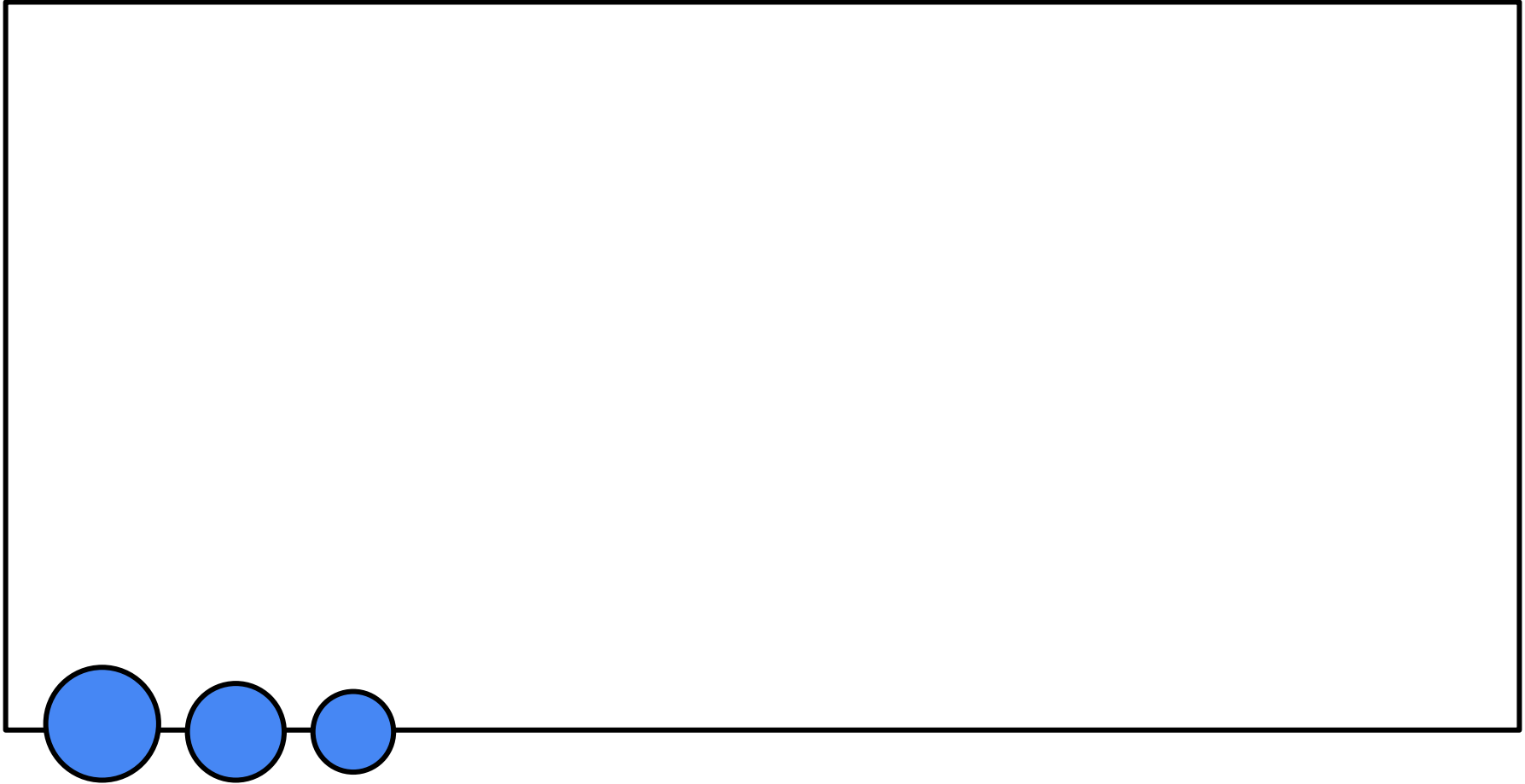
# DIVISIBILITY



# DIVISIBILITY

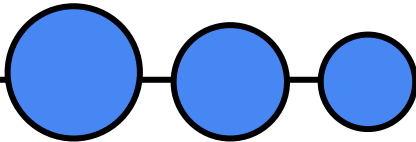


# DIVISIBILITY





# Class Questions





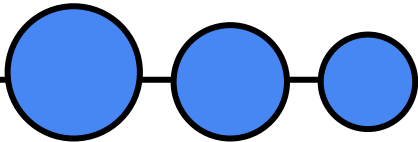
**Which of the following numbers is not divisible by 2?**

A. 1086

B. 2869

C. 3364

D. 7000



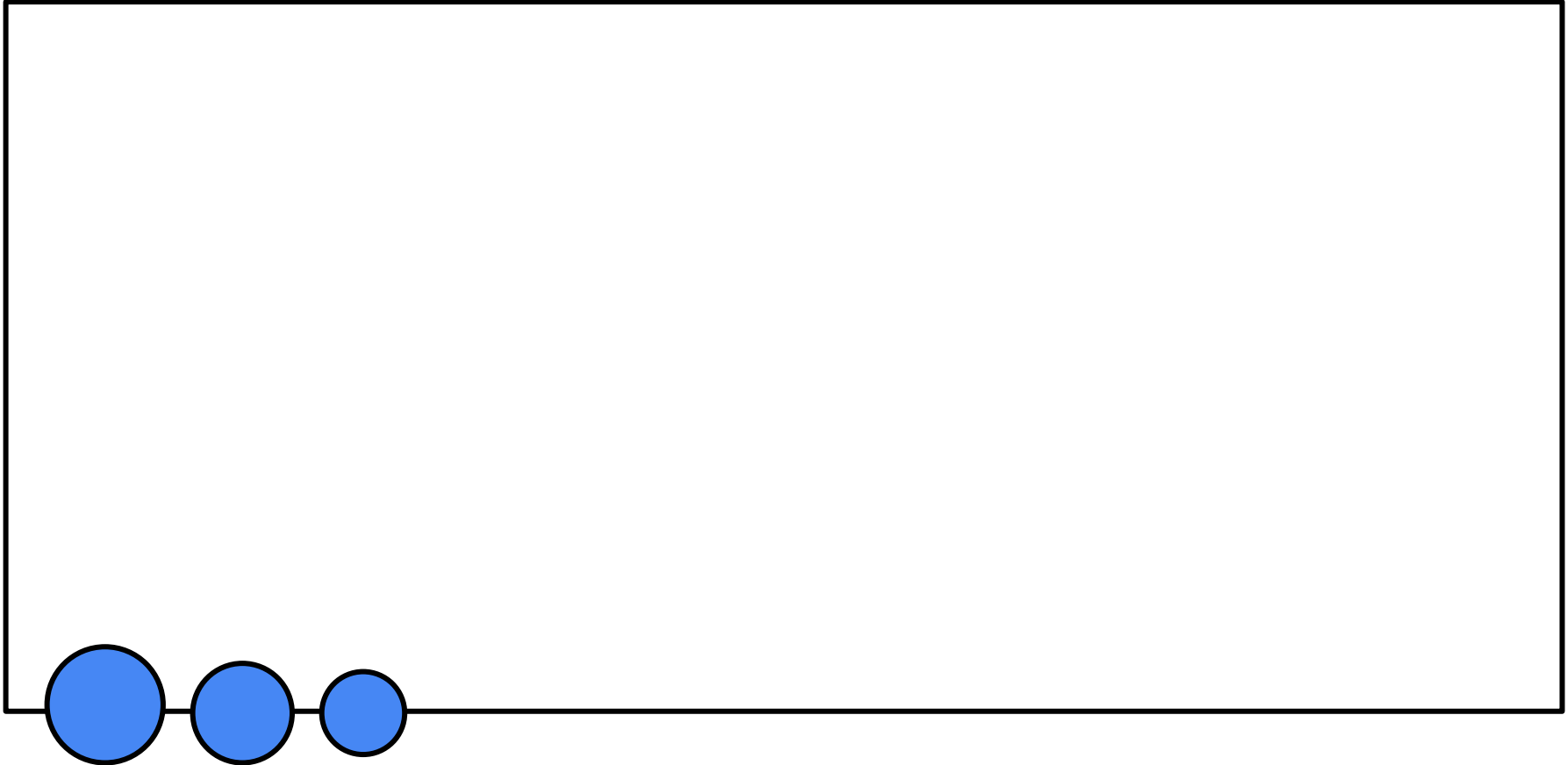
**The largest 4 digit number exactly divisible by 88 is:**

A. 9944

B. 9768

C. 9988

D. 8888



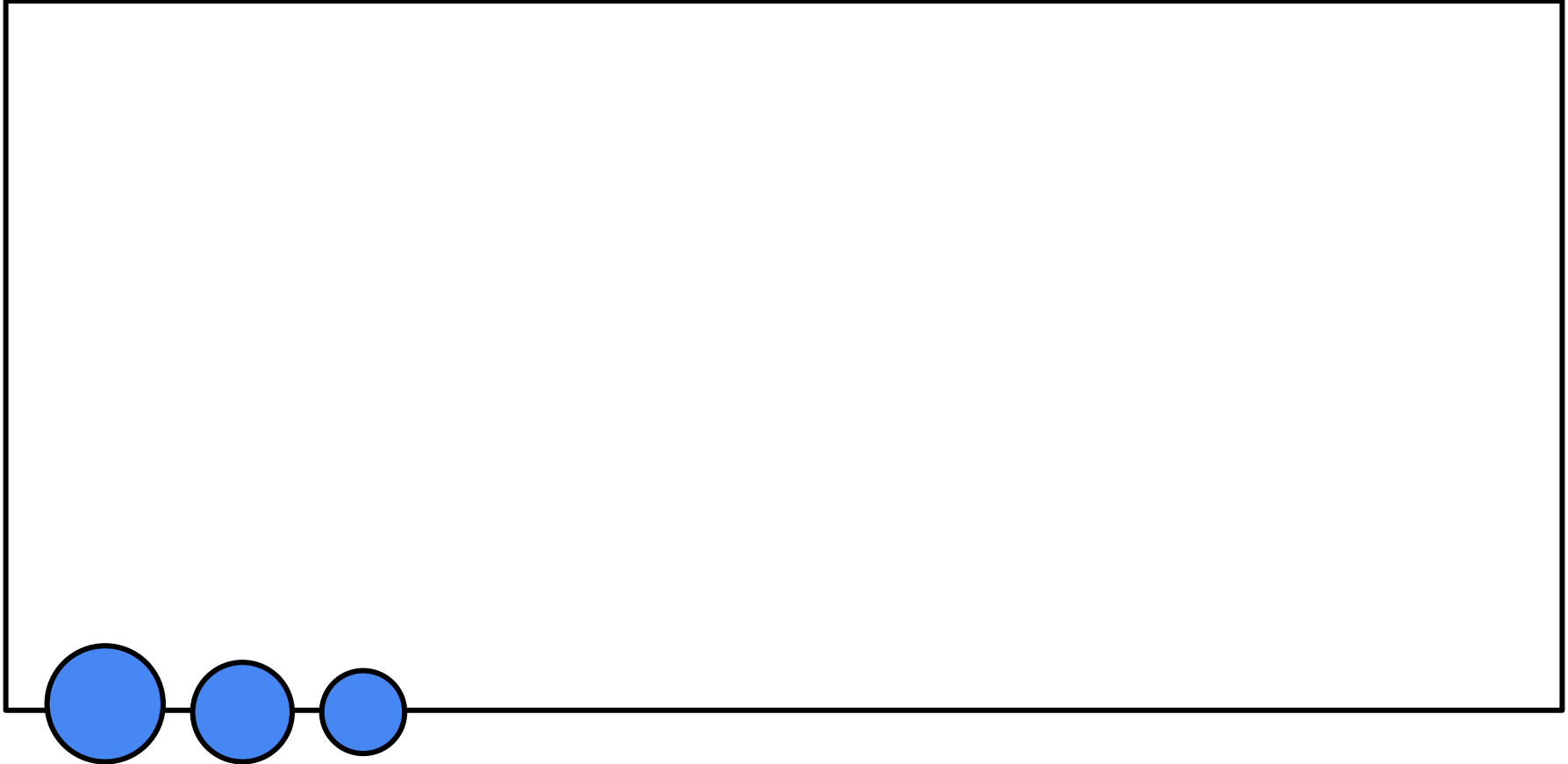
If  $n$  is a natural number, then  $(6n^2+6n)$  is always divisible by:

A. 6 only

B. 6 and 12 both

C. 12 only

D. 18 only



If the number  $481*673$  is completely divisible by 9, then the smallest whole number in place of \* will be:

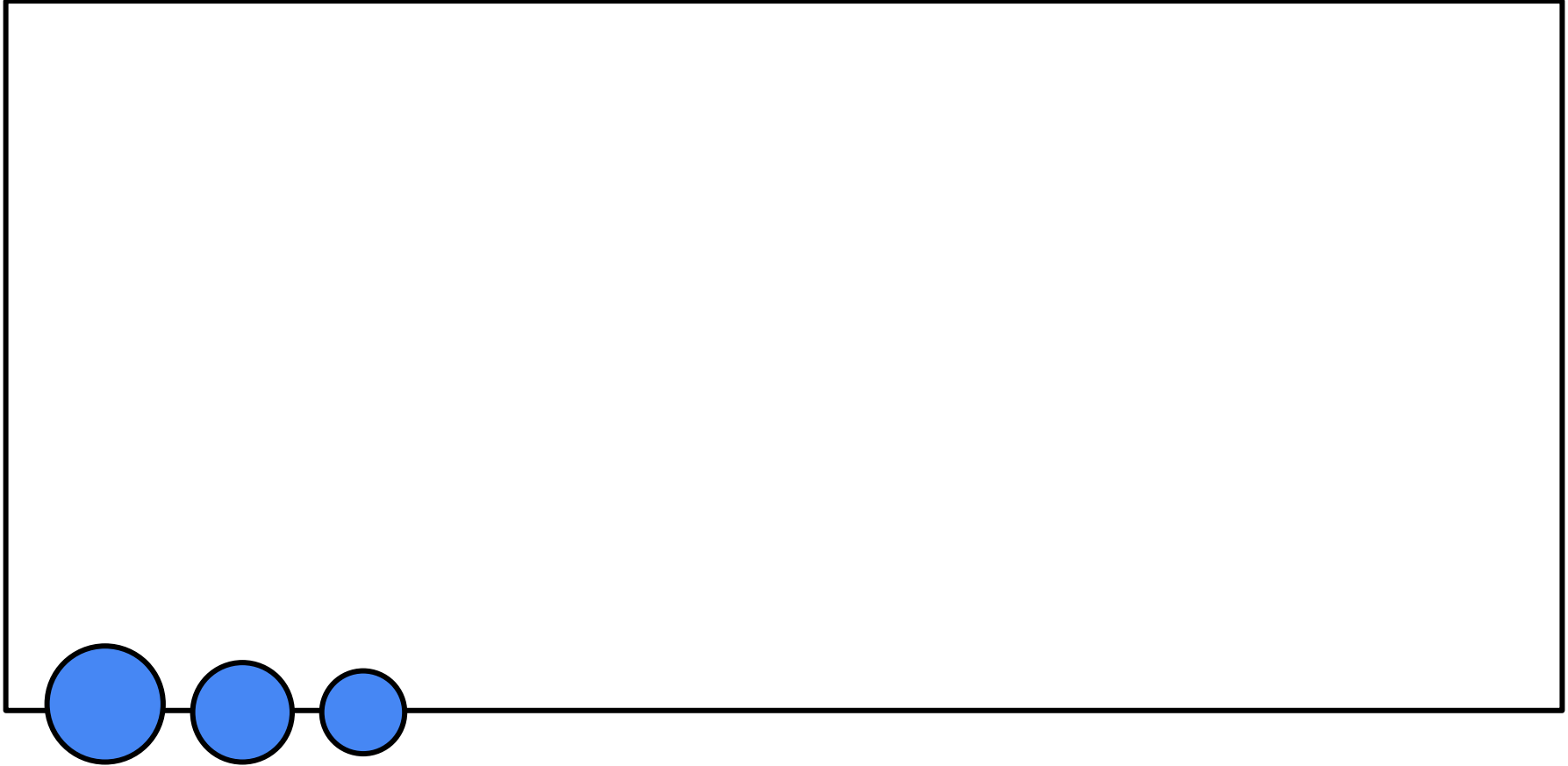


A. 2

B. 5

C. 6

D. 7



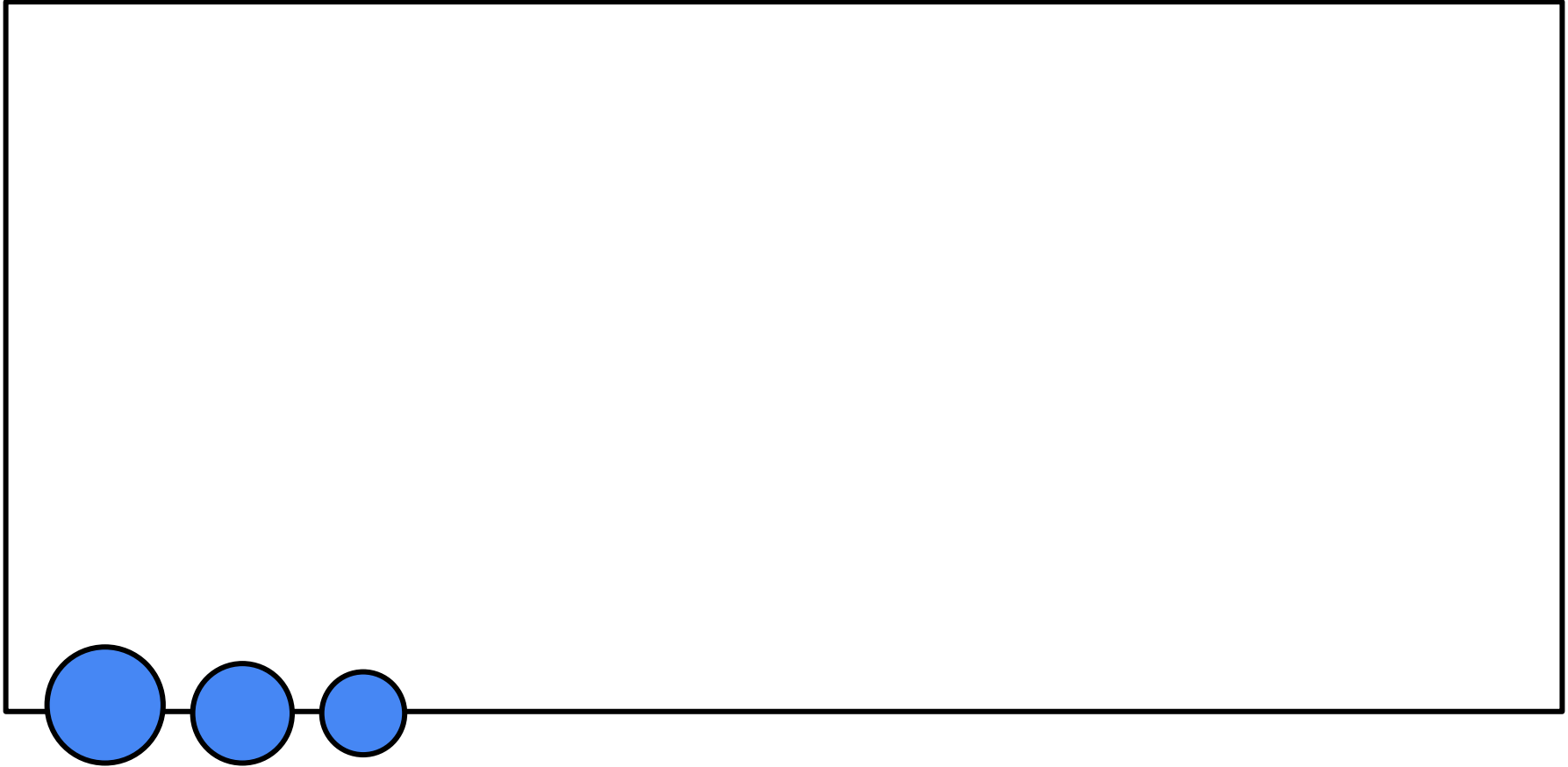
How many natural numbers are there between 23 and 100 which are exactly divisible by 6?

A. 8

B. 11

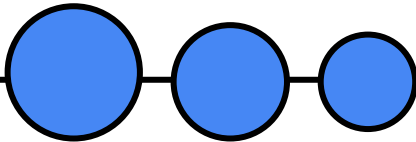
C. 12

D. 13





# Assignment Questions



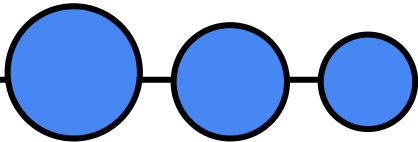
**Which of the following numbers is not divisible by 3?**

A. 1173

B. 2391

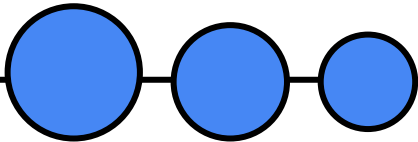
C. 3902

D. 6048



A 3-digit number  $4a3$  is added to another 3-digit number  $984$  to give a 4-digit number  $13b7$ , which is divisible by  $11$ . Then,  $(a + b) = ?$

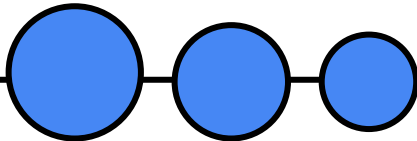
- A. 10      B. 11      C. 12      D. 15





On dividing a number by 357, we get 39 as remainder. On dividing the same number 17, what will be the remainder?

- A. 0      B. 3      C. 15      D. 11



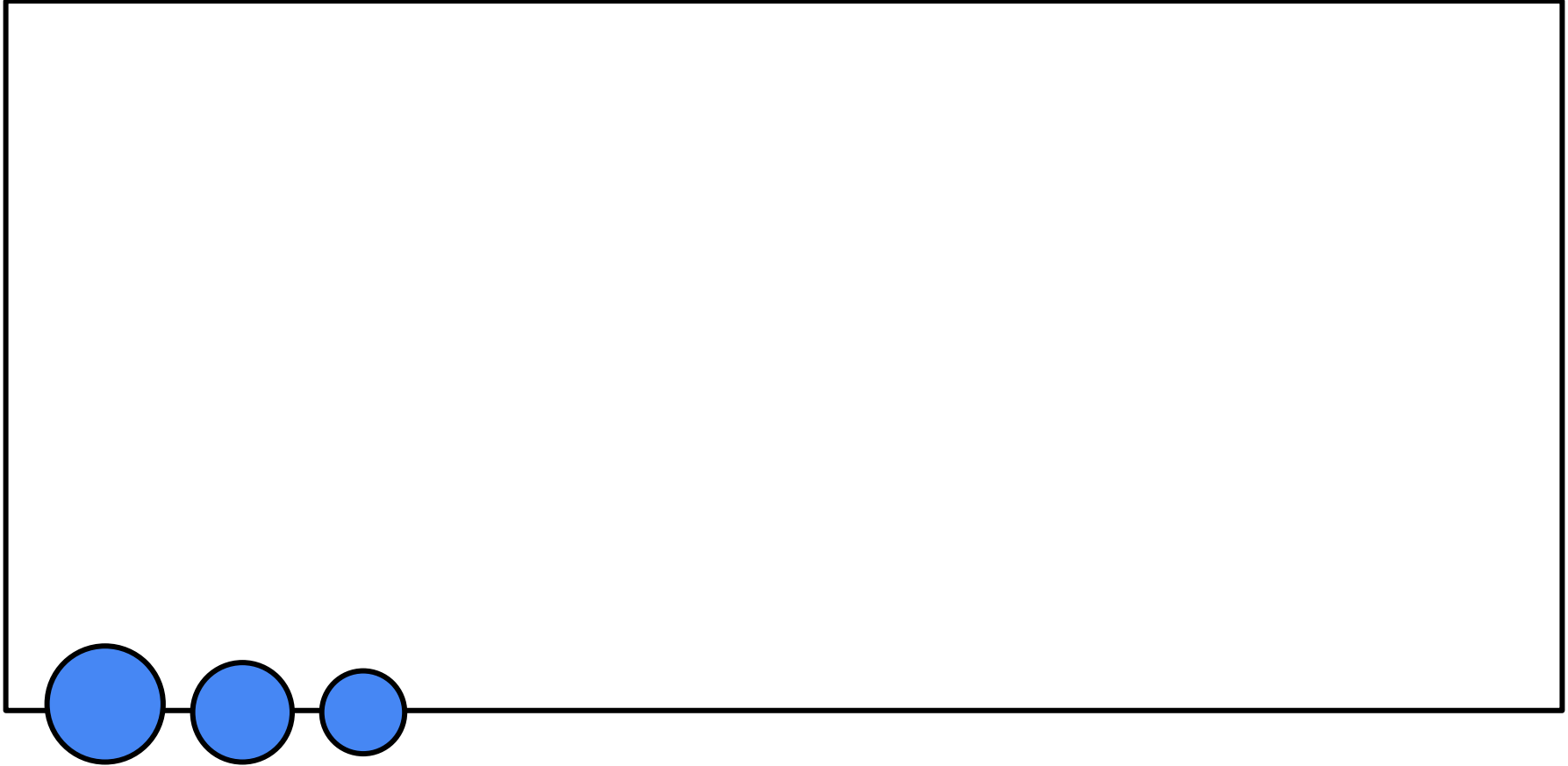
**Find the largest five digit number that is divisible by 7, 10, 15, 21 and 28?**

A. 99840

B. 99900

C. 99960

D. 99990



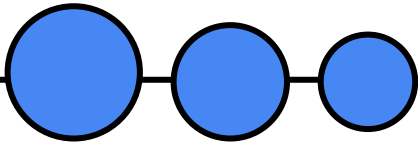
**$10^{25-7}$  is divisible by:**

A. 2

B. 3

C. 9

D. Both B and C





**Thank you**

