NUMBER SYSTEM: NUMBER PROBLEMS

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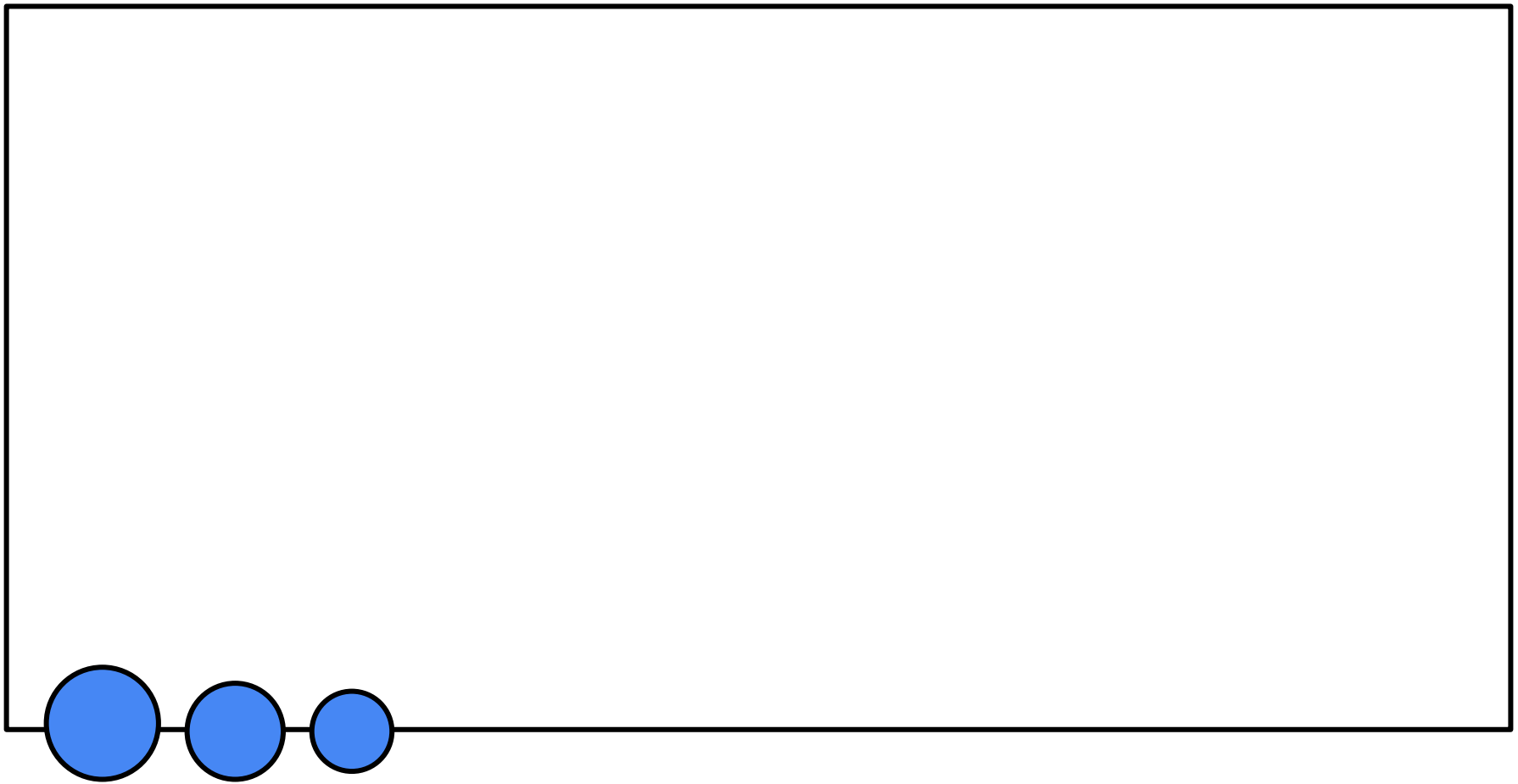

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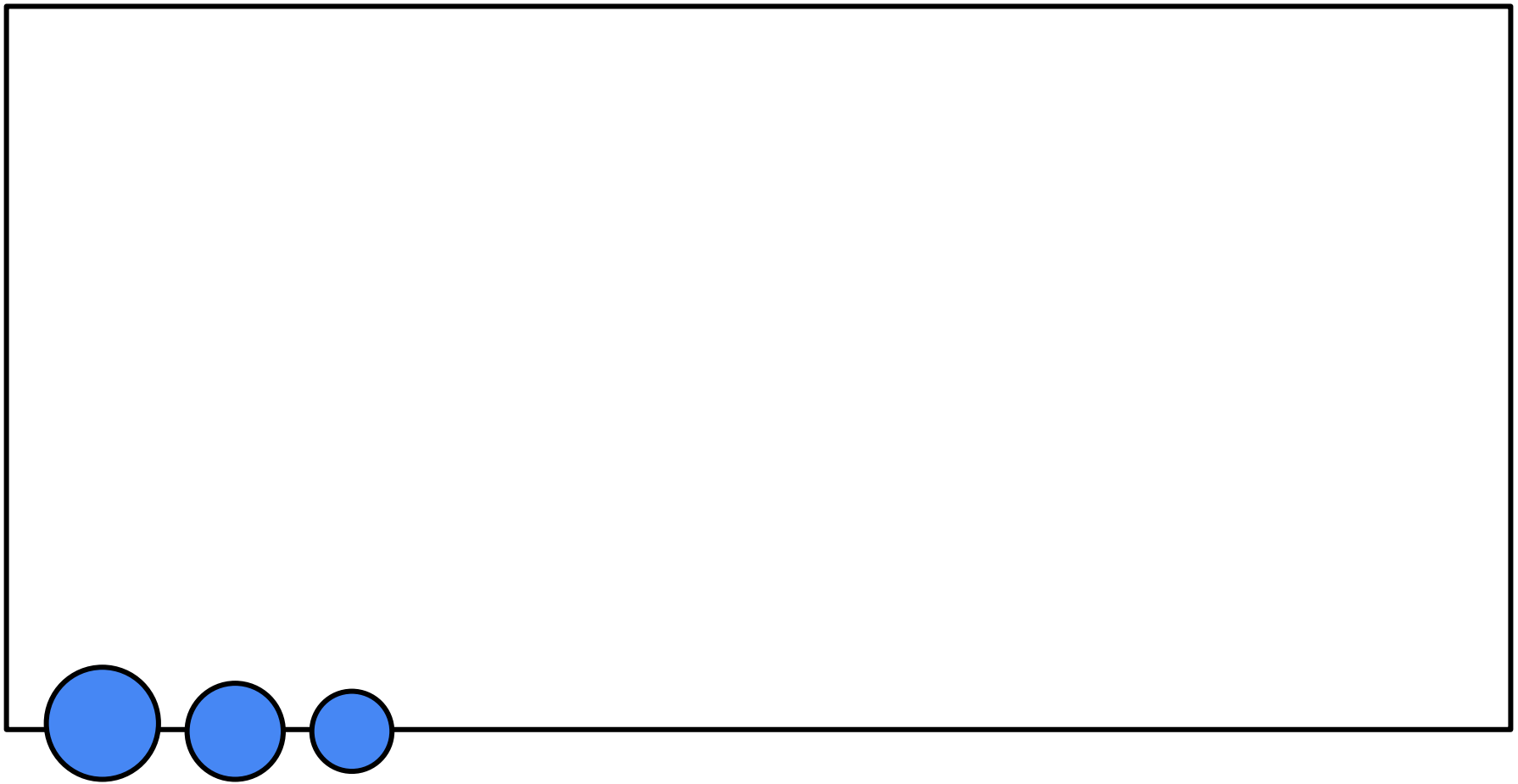

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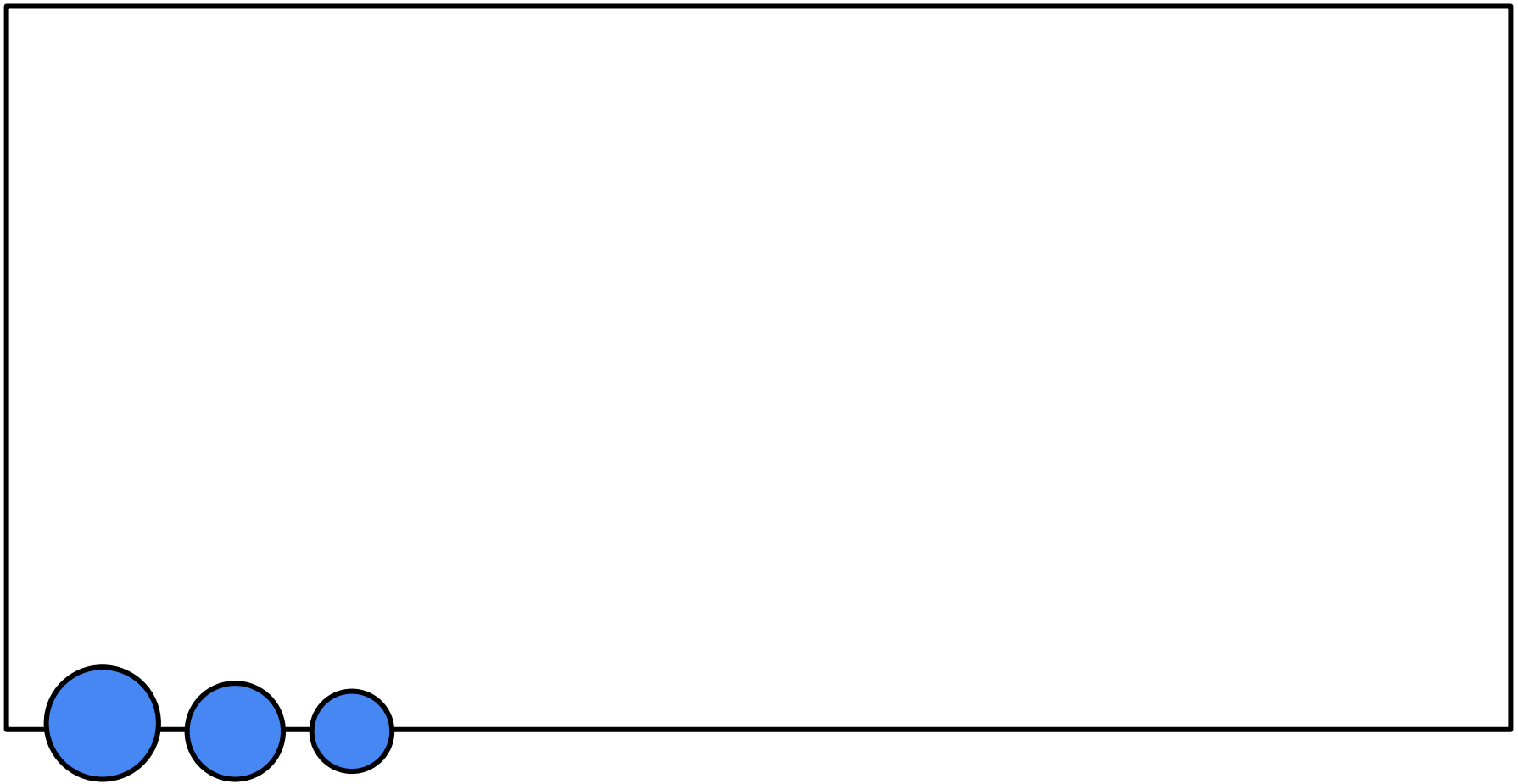

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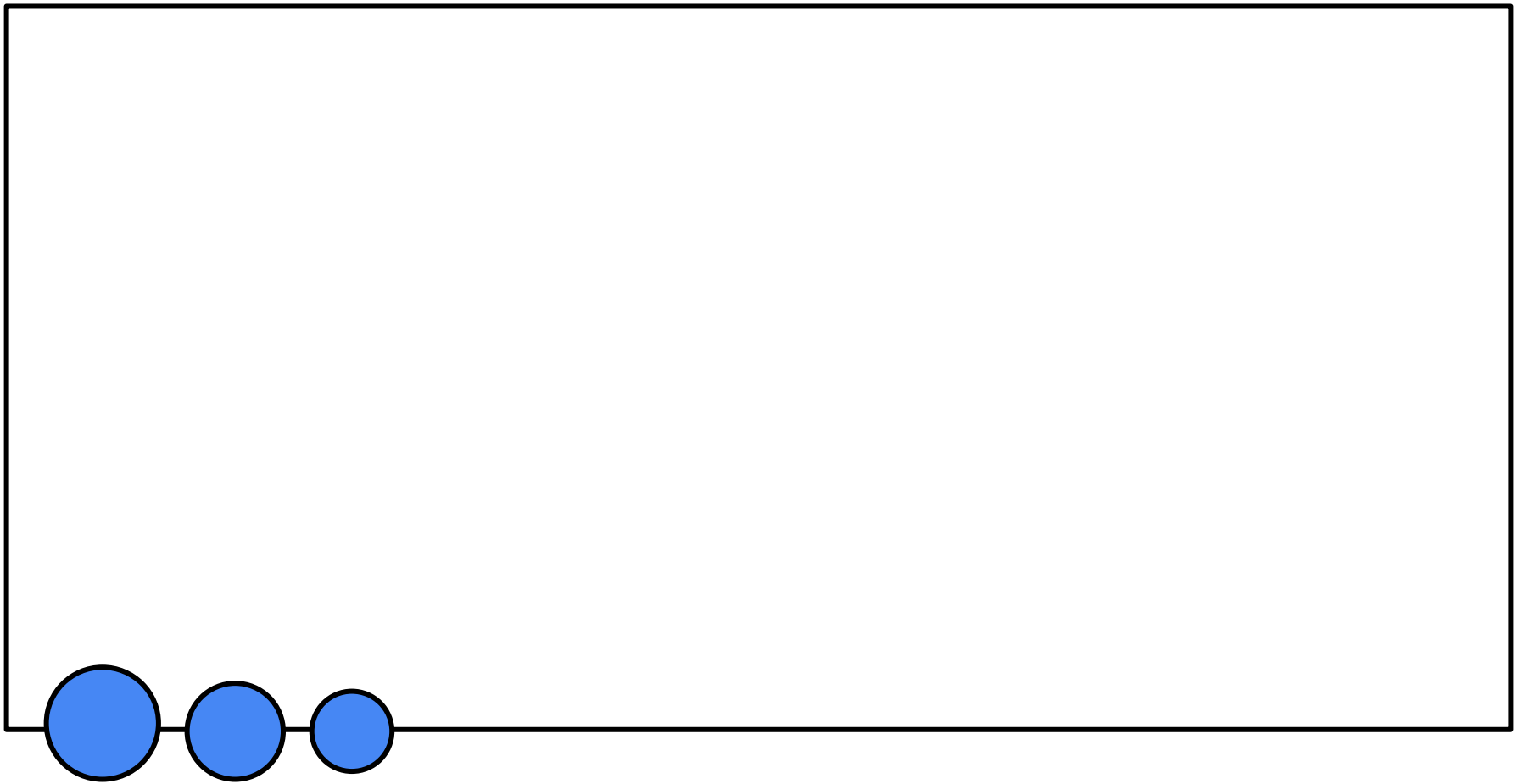

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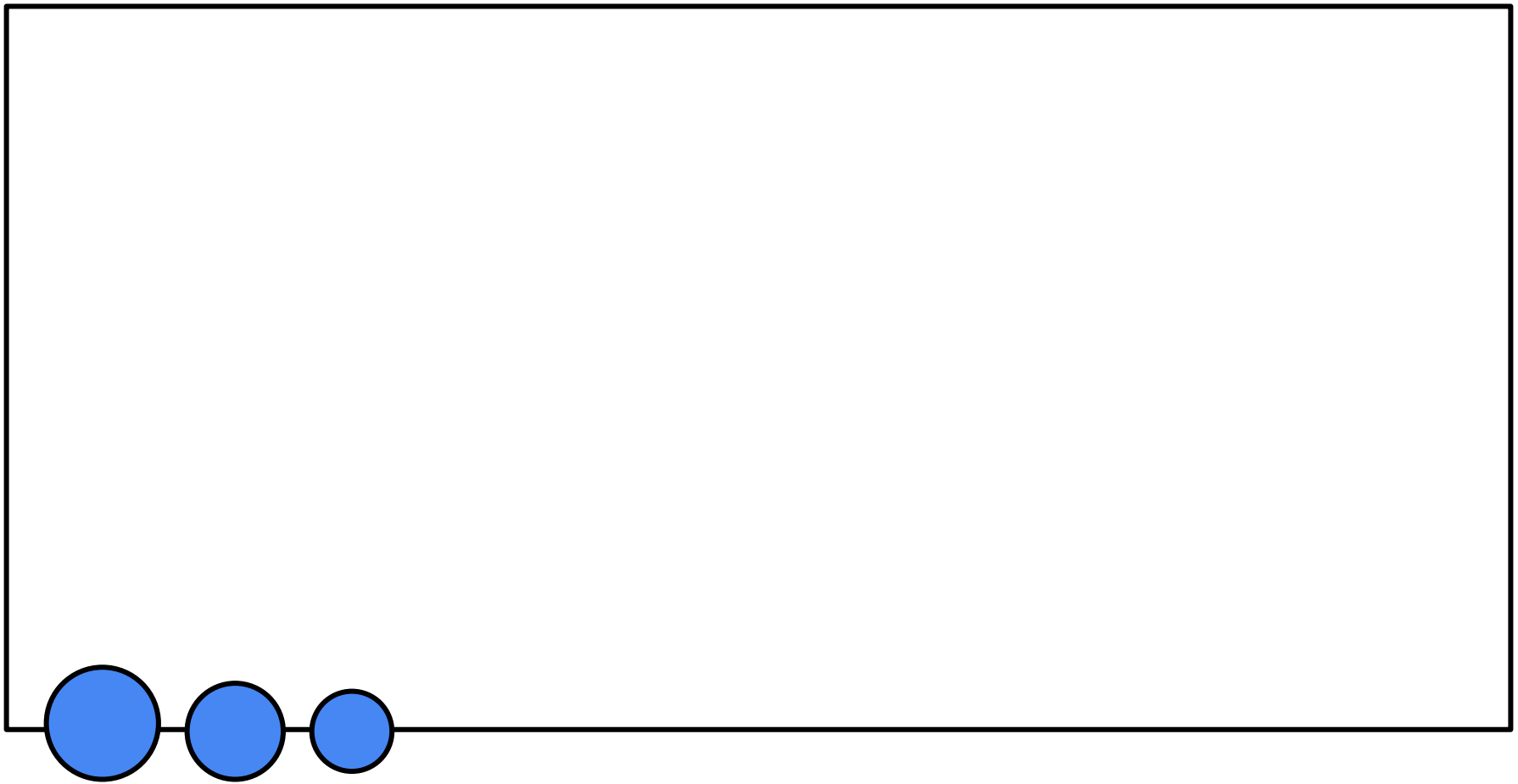

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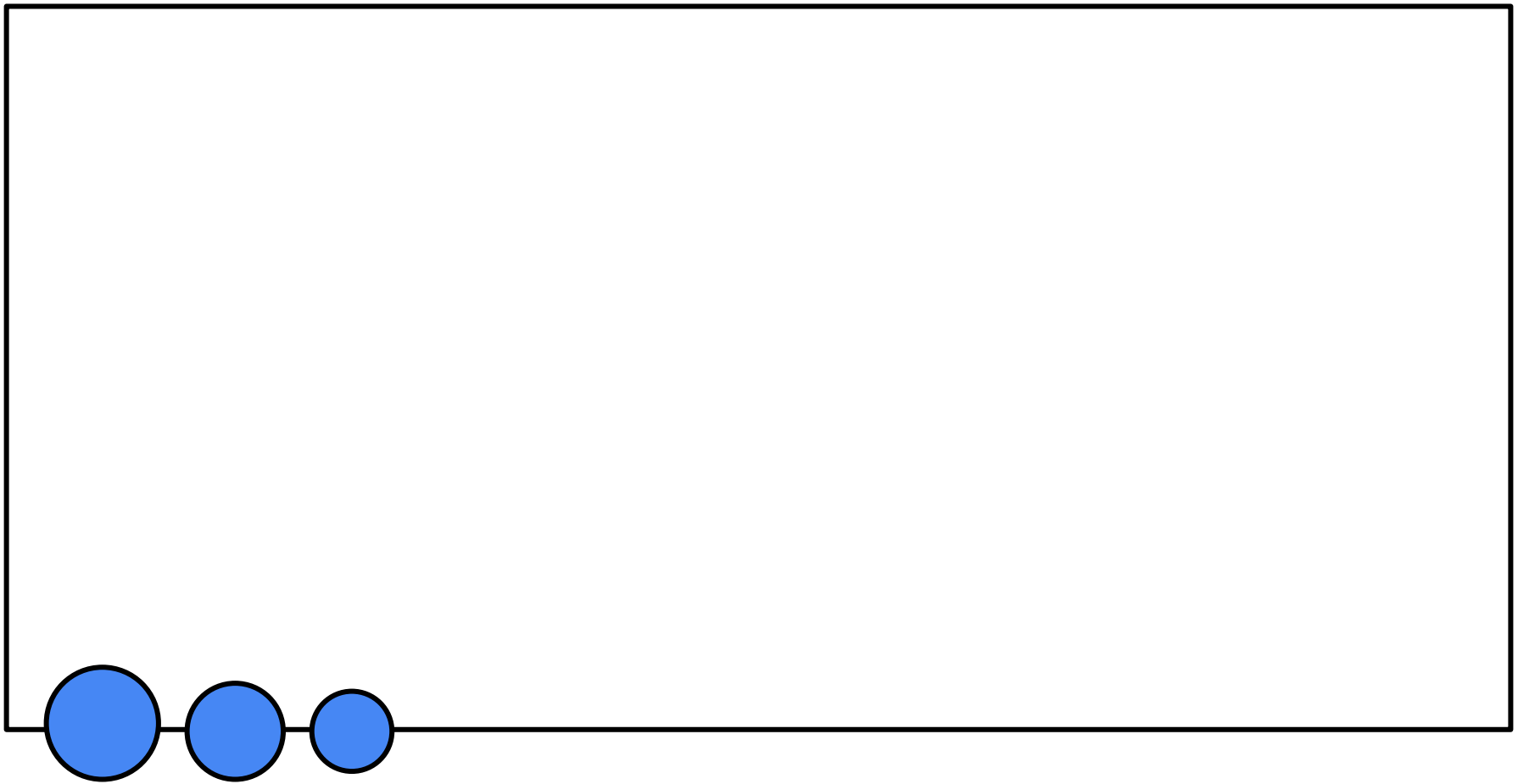
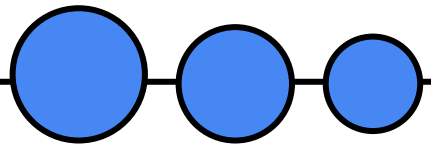
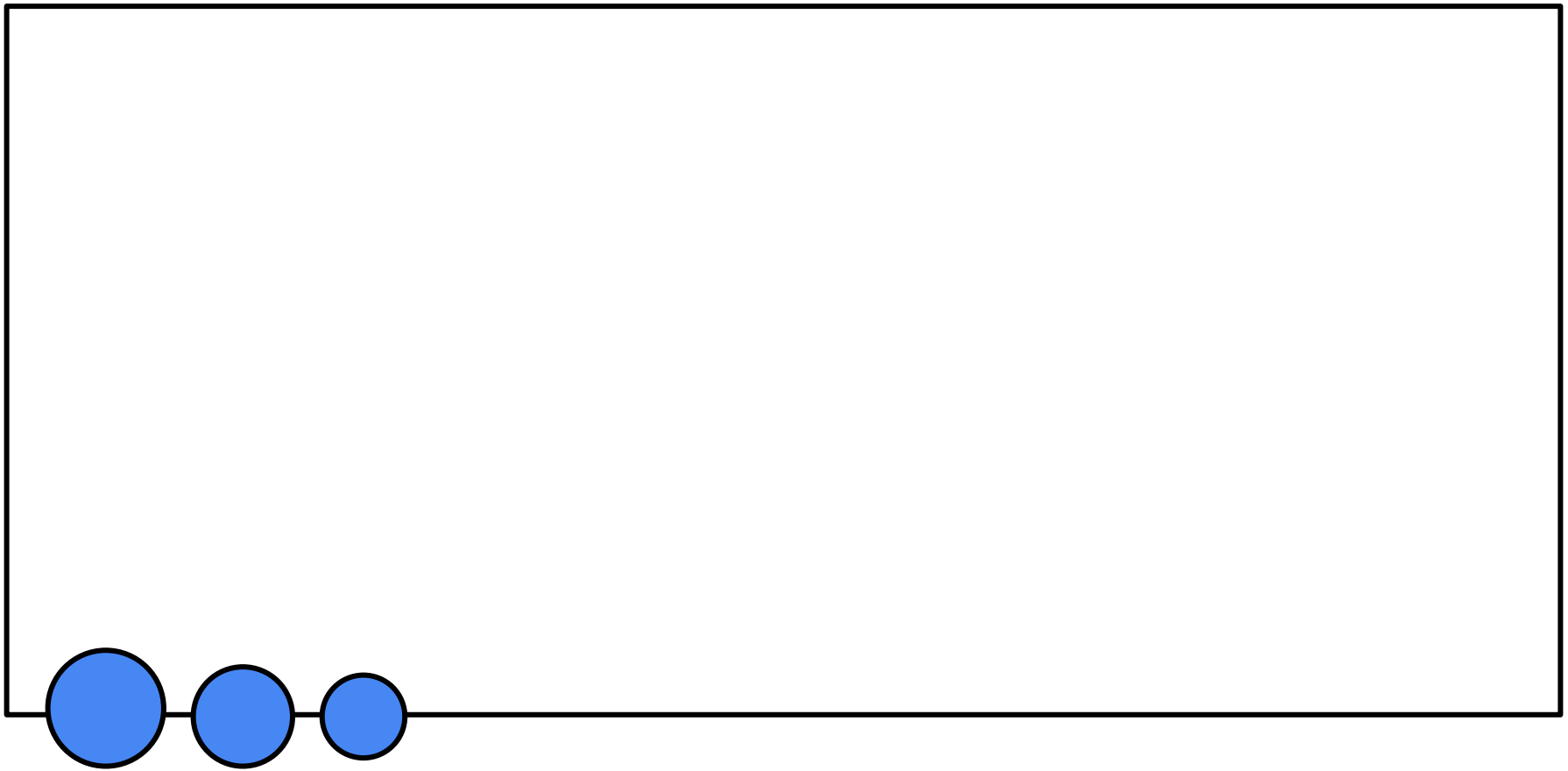


Class Questions



When a number is subtracted from the number 8, 12 and 20, the remainders are in continued proportion, Find the number?

A. 4 B. 3 C. 2 D. 8

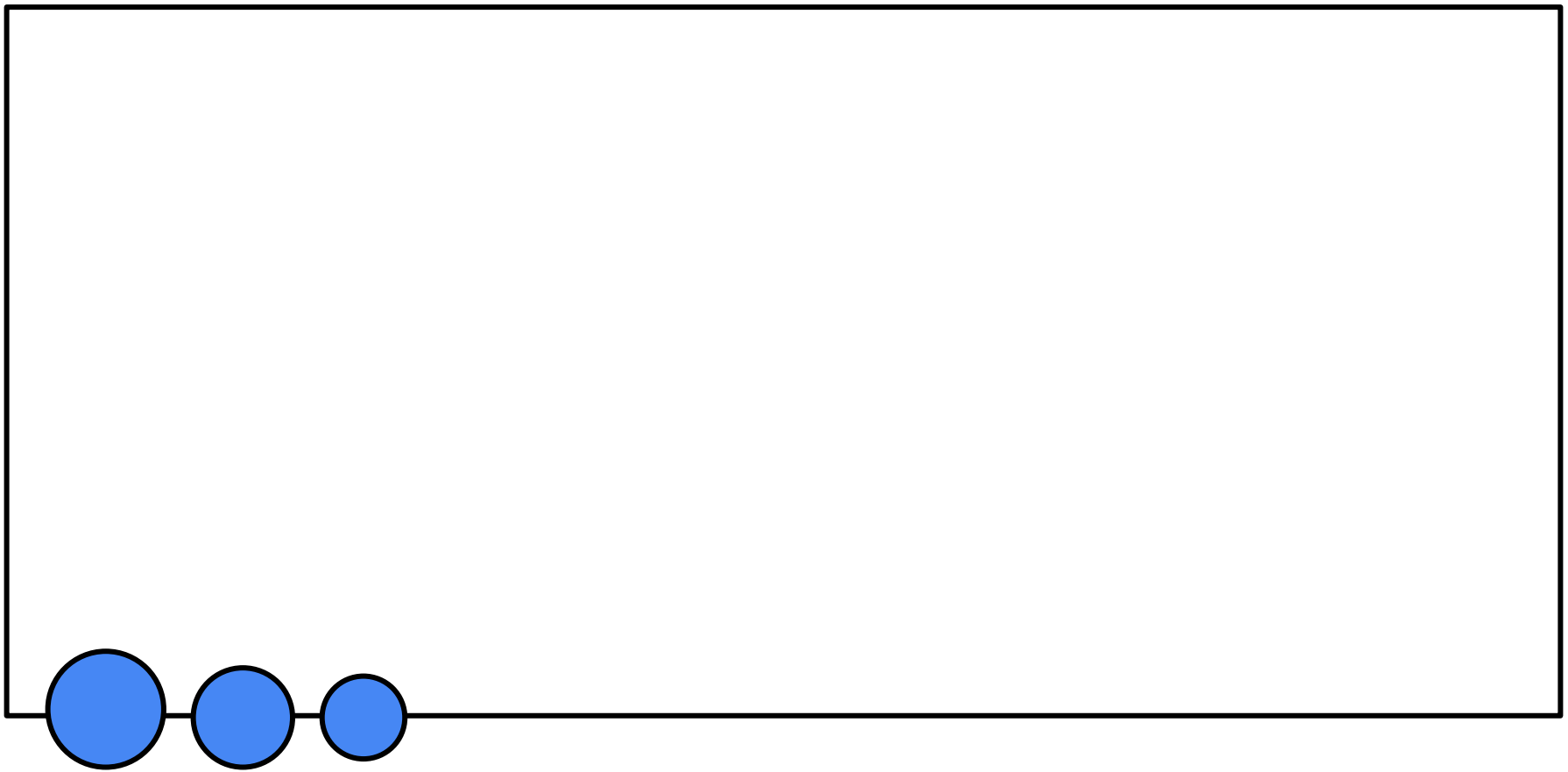


The sum of the digits of a 2-digit number is 11. If we add 45 to the number, the new number obtained is a number formed by interchange of the digits. What is the number?

A. 38 B. 58 C. 48 D. 83

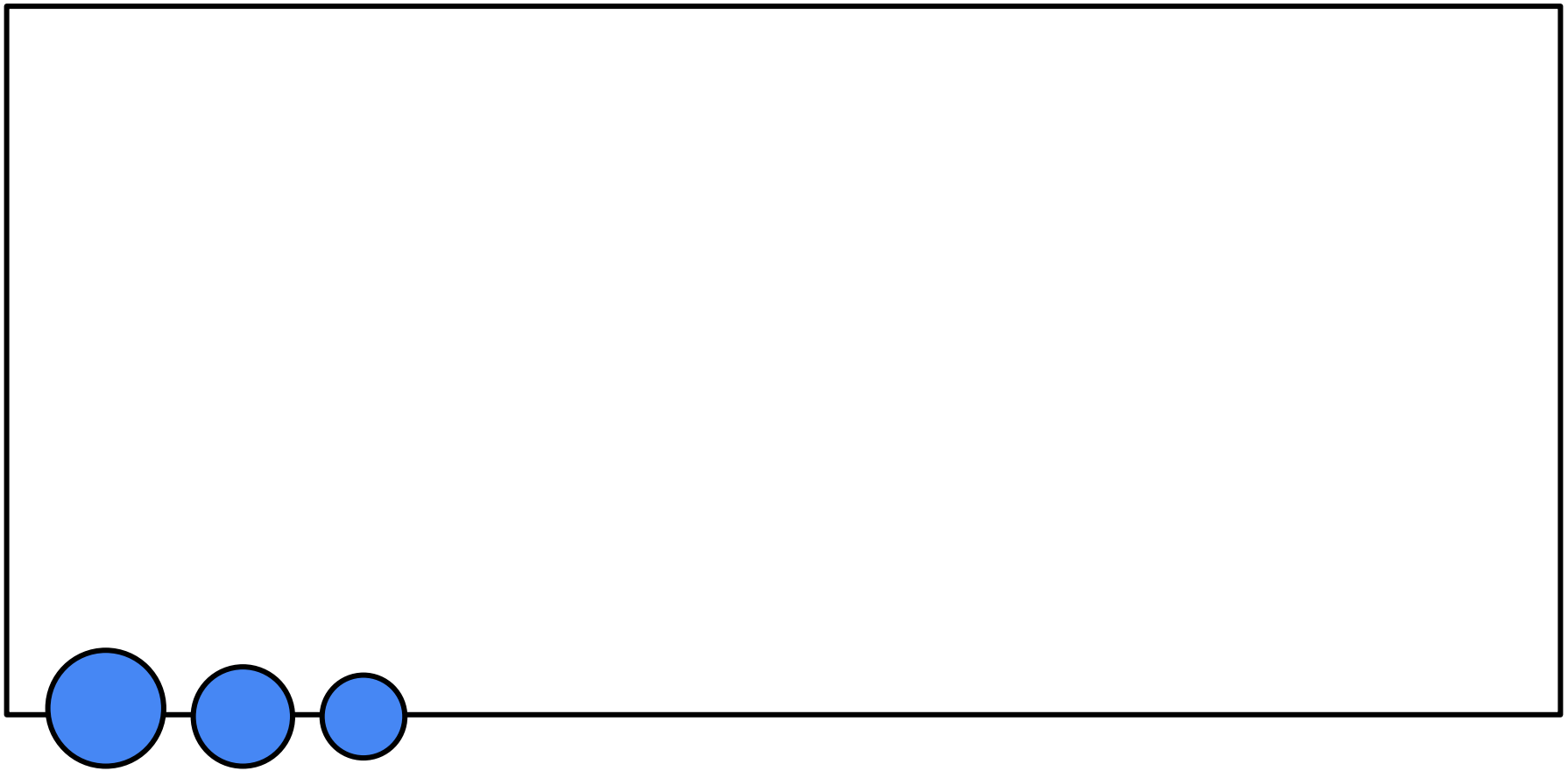
Among three numbers, the first is twice the second and thrice the third, if the average of three numbers is 517, then what is the difference between the first and the third number?

A. 564 B. 364 C. 764 D. 864



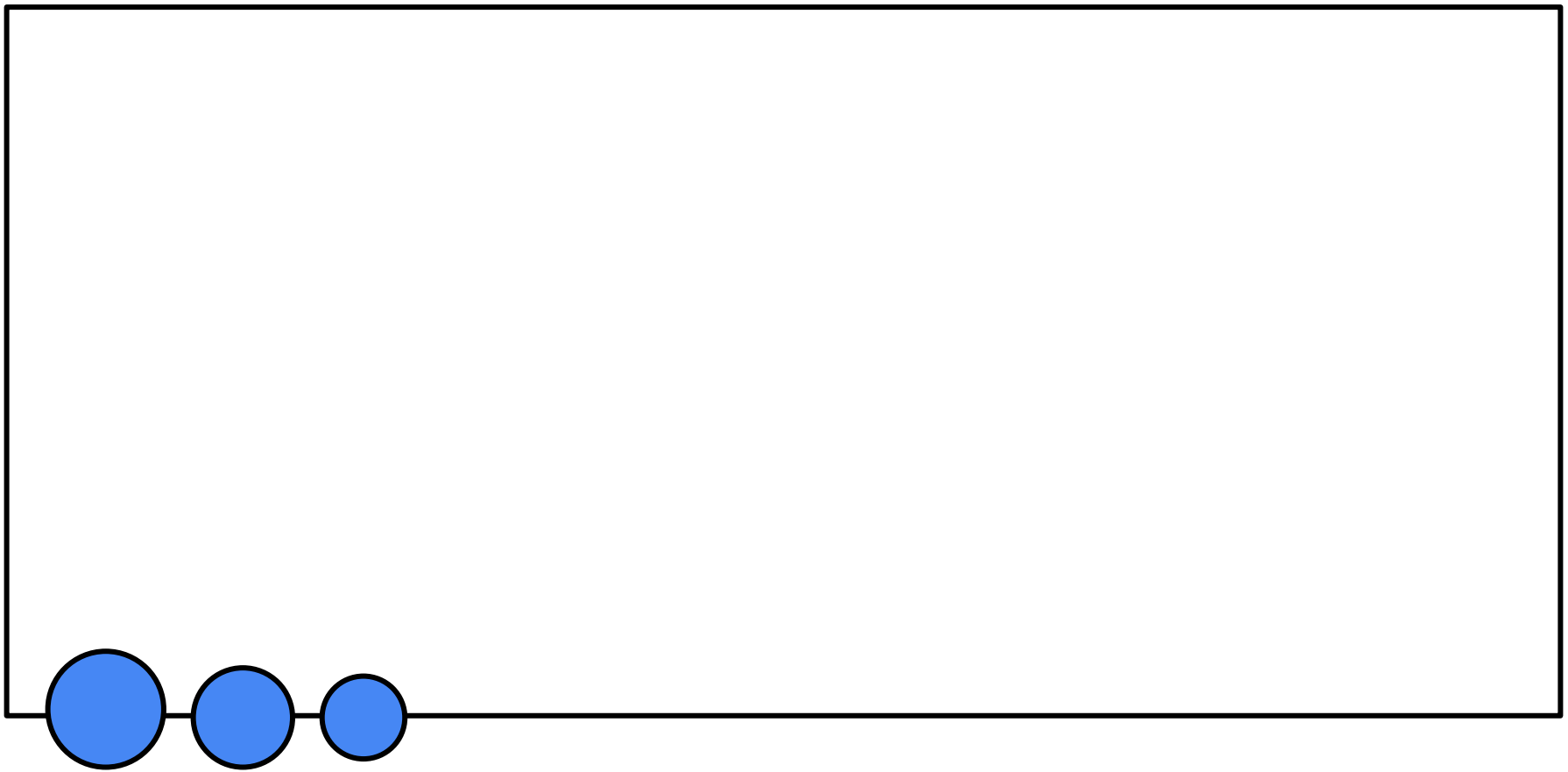
The product of two natural numbers is 9222. If they differ by 19 then find out the sum of the number?

A. 205 B. 199 C. 197 D. 193

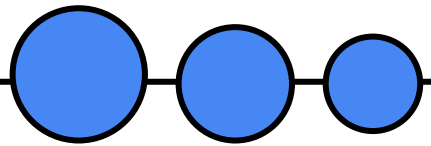


Three numbers which are co-prime to each other are such that the product of the first two is 551 and that of the last two is 1073. The sum of the three numbers is:

A. 75 B. 85 C. 65 D. 45

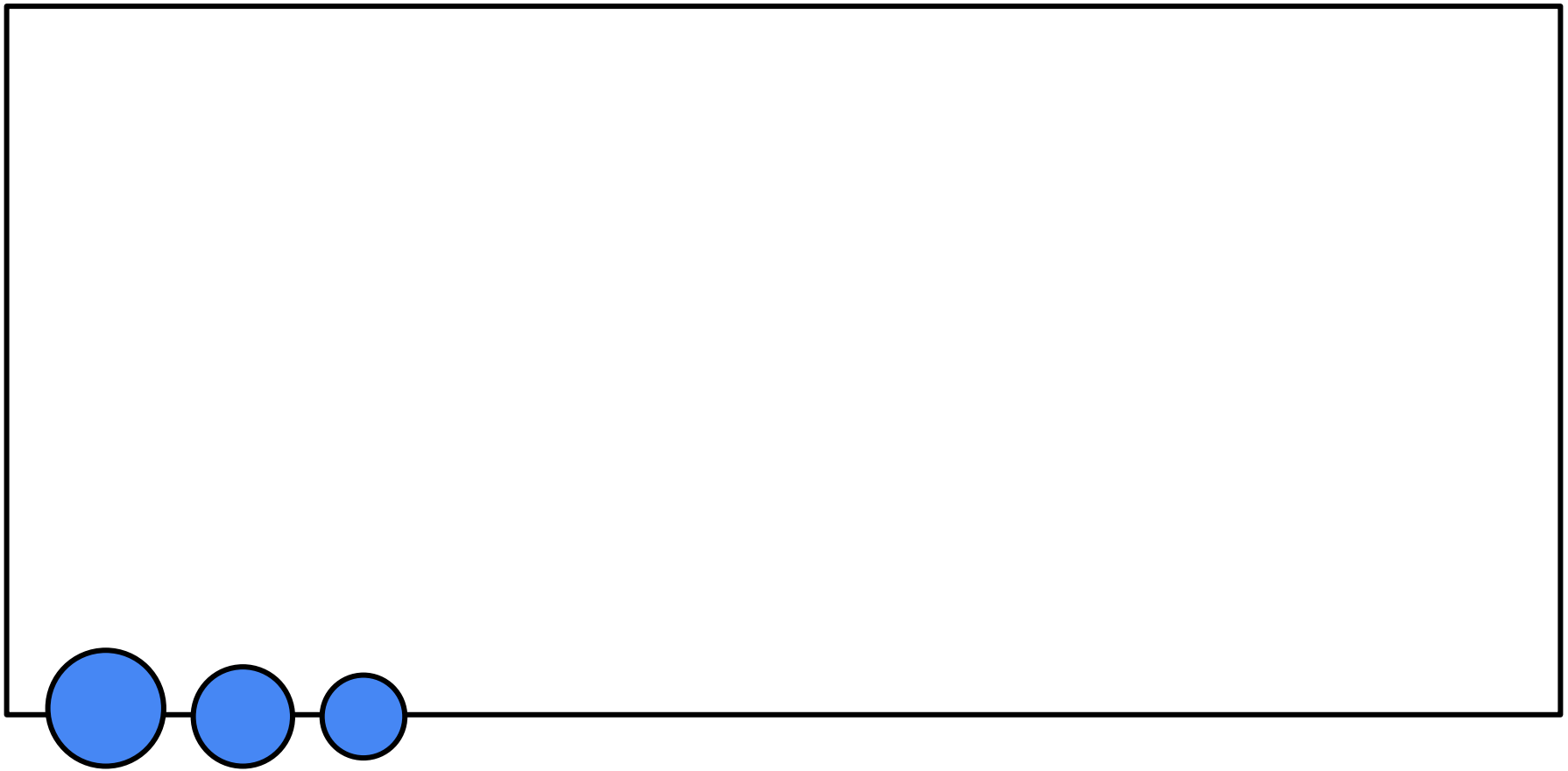


Assignment Questions



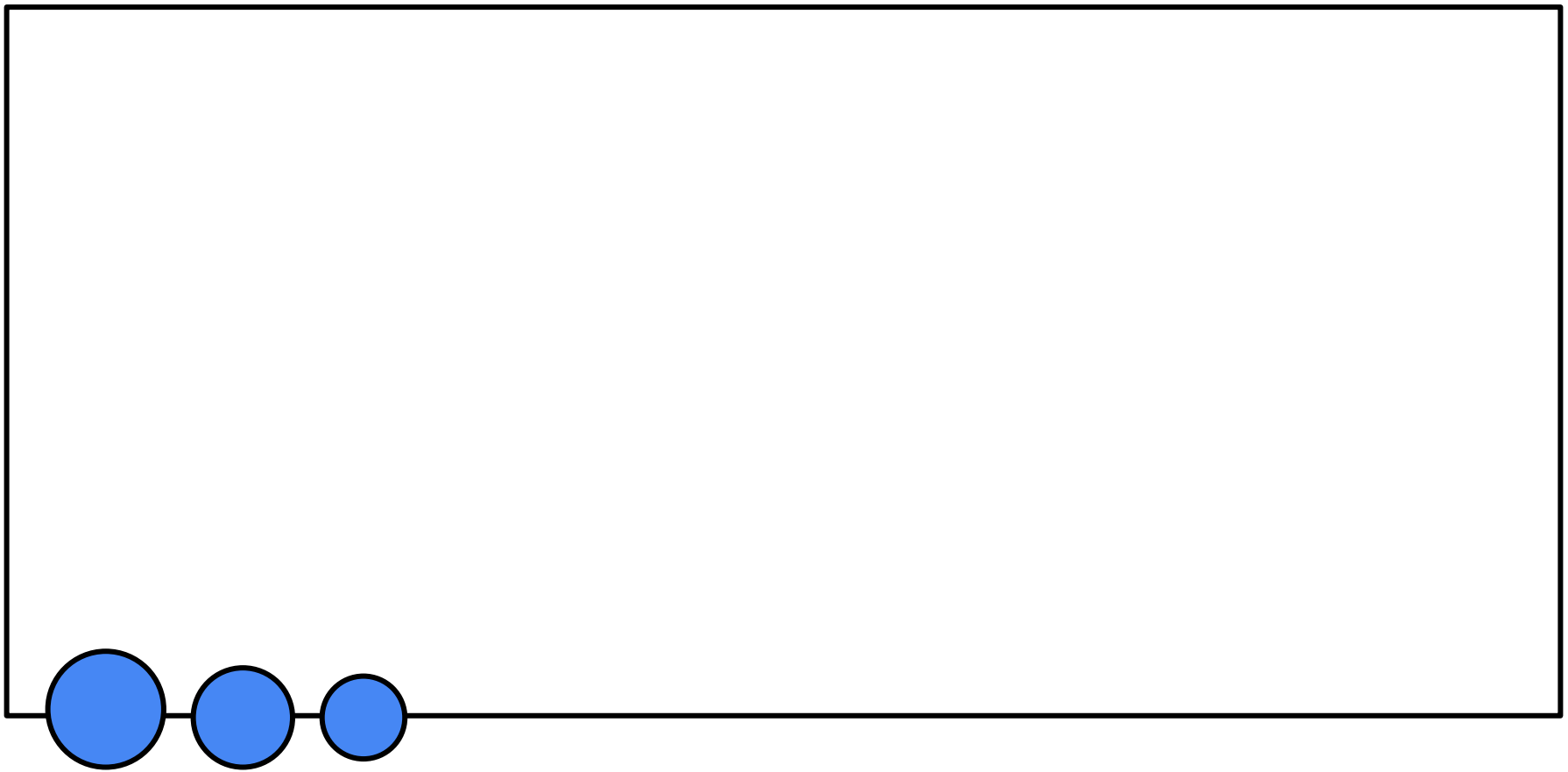
If the fractions 1/2, 2/3, 5/9, 6/13, and 7/9 are arranged in ascending order of their values, which one will be the fourth?

A. (2/3) B. (6/13) C. (5/9) D. (7/9)



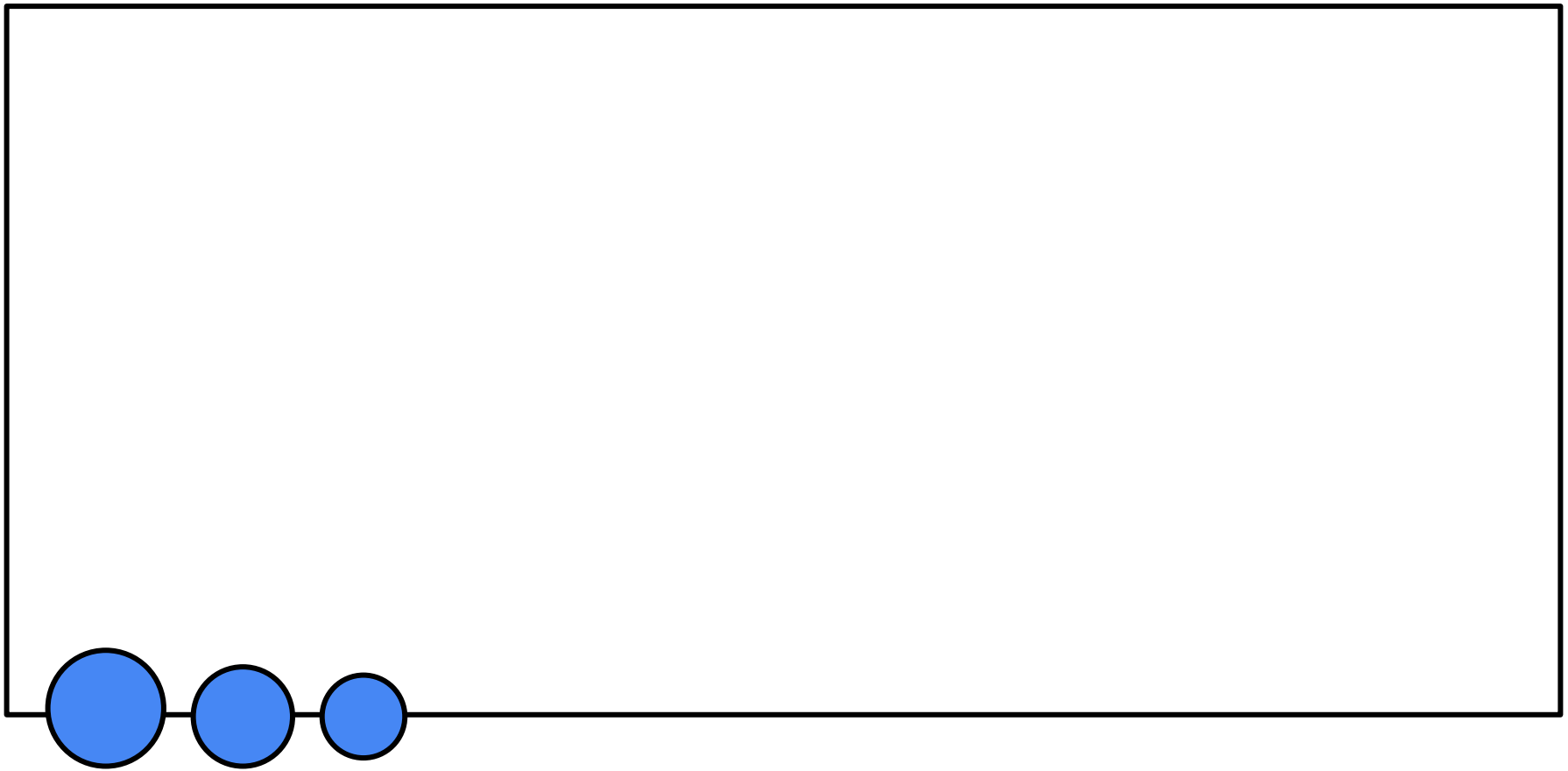
The unit digit in 43*69*551*9242 is:

A. 6 B. 2 C. 4 D. 8



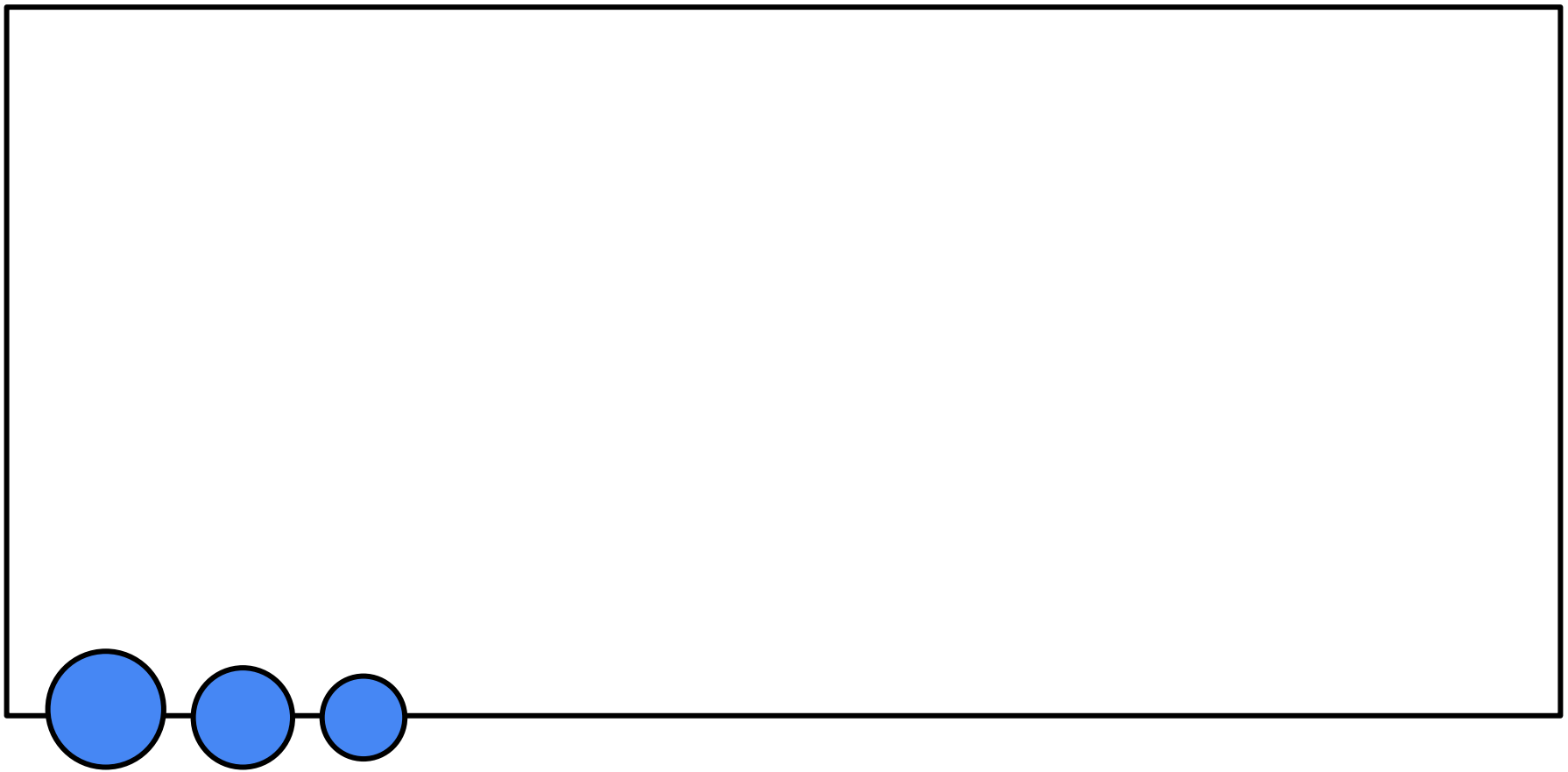
The least number which must be added-to 1728 to make it a perfect square is:

A. 38 B. 36 C. 37 D. 35



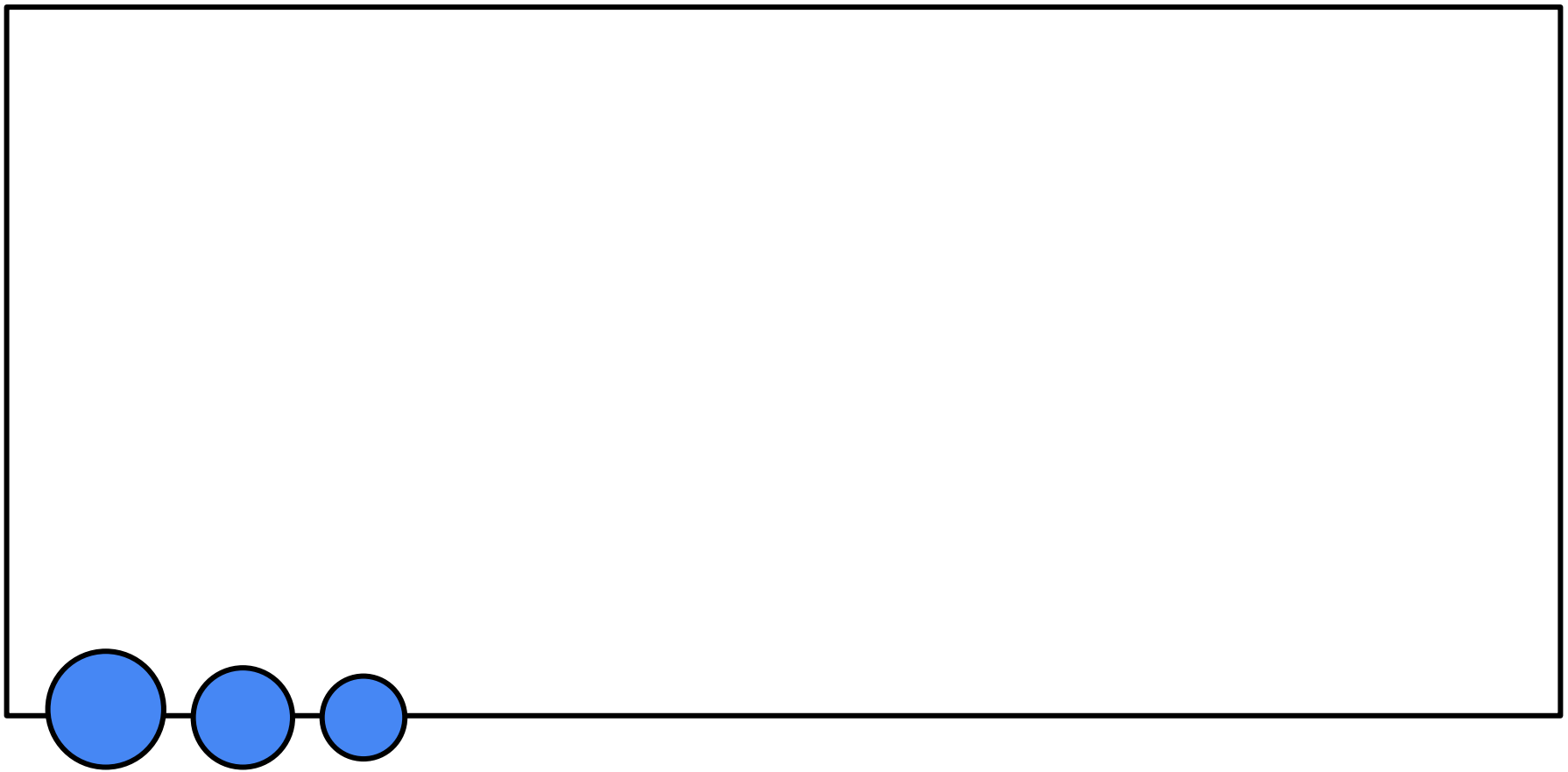
If (a*b)=6a-4b+3ab, then ((6*3)+(4*3)) is equals to?

A. 121 B. 122 C. 124 D. 126



Which of the following cannot be the number of zeroes at the end of any factorial?

A. 7 B. 6 C. 5 D. 3



Thank you