## Dominoes - Worksheet

## Create your own puzzle!

Use domino pieces to create your own sum or product puzzle.


You can put the pieces randomly and compute the sum or product. Remember that the zero counts for multiplication.

## Let's try to solve it together!

Exchange the puzzles that you have created with other teams and try to solve puzzle by coming up with your own strategy.

## Tip:

You can create a pair board to help you solve the new puzzle.

## Can we solve it faster?

Is there a faster way to determine the number of pairs based on the given sum?

## Tip:

Given the number of integers (denoted as $\mathbf{N}$ ) and the sum (denoted as $\mathbf{K}$ ), find the number of pairs whose sum is equal to K .

