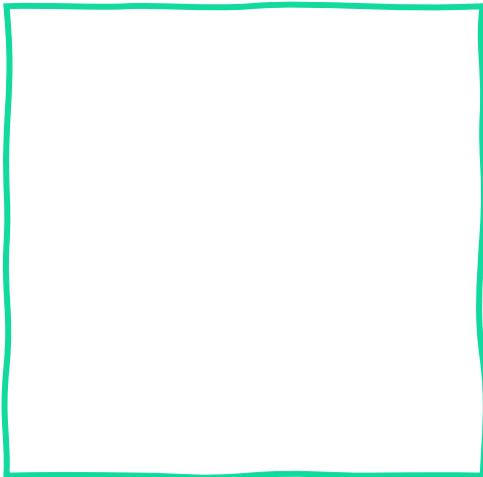




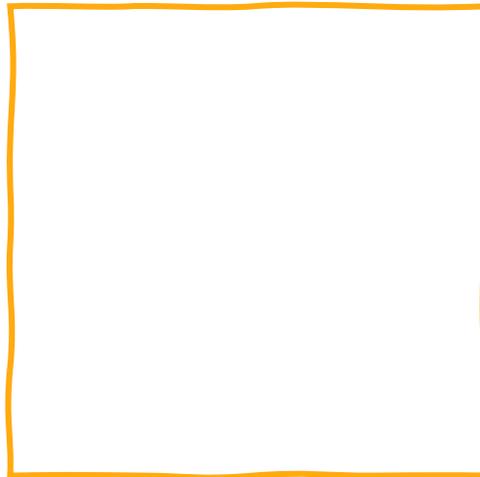
Multiplication using arrays

For each multiplication problem, draw an array. Then use skip counting to solve the problem. Use the example to help you.

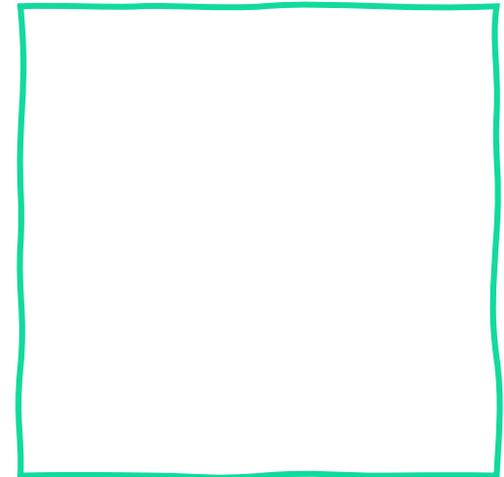
Example
 $4 \times 6 = \underline{24}$



$7 \times 3 = \underline{\quad}$



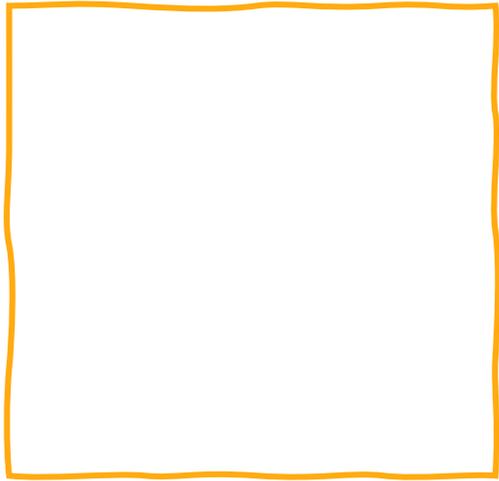
$3 \times 4 = \underline{\quad}$



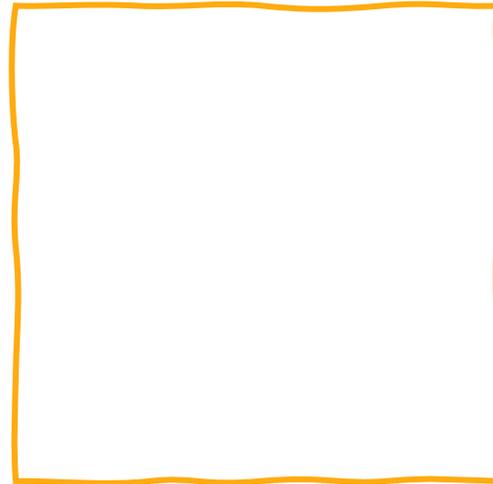
$4 \times 5 = \underline{\quad}$



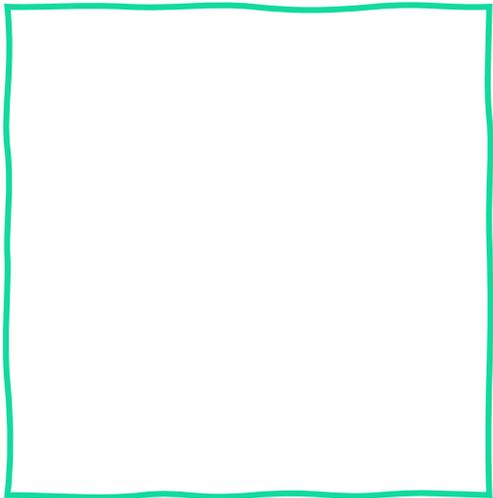
Multiplication using arrays



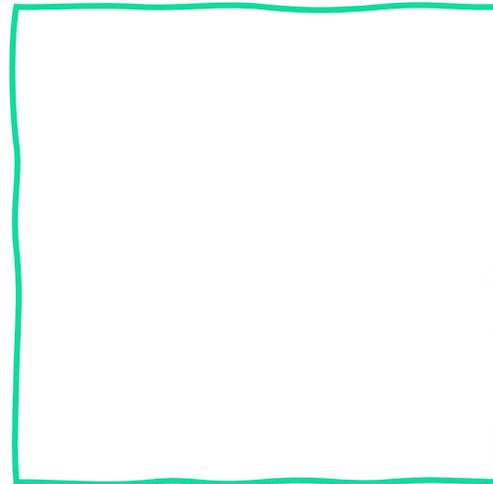
$$6 \times 2 = \underline{\quad}$$



$$4 \times 8 = \underline{\quad}$$



$$8 \times 3 = \underline{\quad}$$



$$9 \times 4 = \underline{\quad}$$

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Multiplication using arrays

Read each word problem carefully. Then, solve the problem using an array.

1. Eric is playing in a basketball tournament this Saturday. There are 6 teams in the tournament and each team has 8 players. How many players will be in the tournament?



2. Sue is planting flowers in the school garden. The principal asked her to plant 4 rows of 5 flowers. How many flowers will she plant in all?



3. The Scientist collects bottlecaps in a big bag. One day he decides to count them. He makes 4 groups of 10 bottlecaps. How many bottlecaps does he have in his collection?

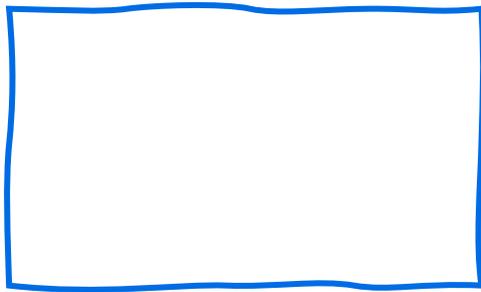


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Multiplication using arrays

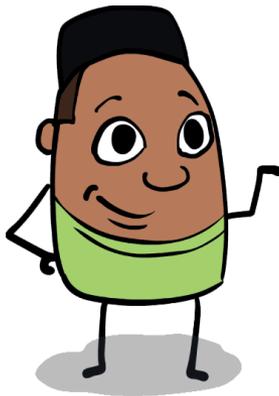
4. Mia's cousin takes her to the biggest playground in the city! She sees 5 rows of swings. There are 3 swings in each row. How many swings are at the playground?

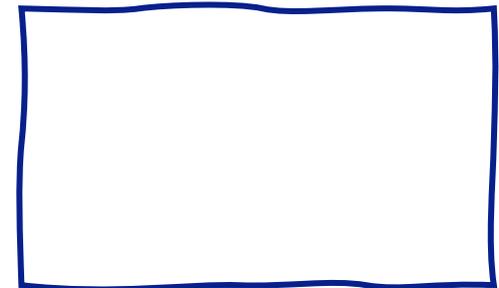




Bonus:

5. Will's family just moved to a new house and his mom asked him to help prepare treats to take to their neighbors. She tells Will to put 3 cookies and 4 brownies on each of the 8 plates. How many cookies does Will need total? How many brownies?







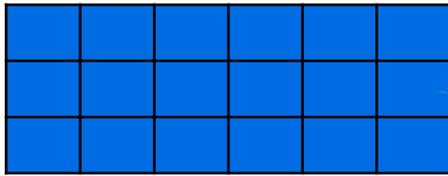
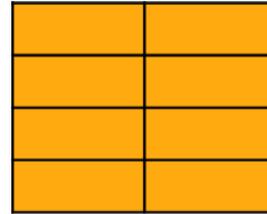
Multiplication using arrays

Write a multiplication equation to describe each array. Follow the example.

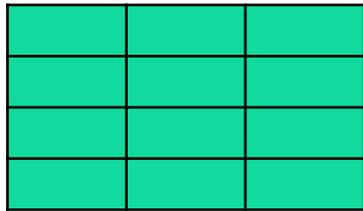
Example

Chen has two board games at home. Each board game has four pieces. How many pieces are there in all?

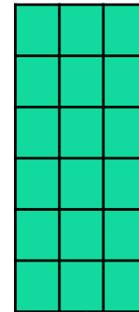
$$\begin{array}{ccc} ? & & ? \\ \square & \times & \square = \square \\ 4 & \times & 2 = 8 \end{array}$$



$\square \times \square = \square$



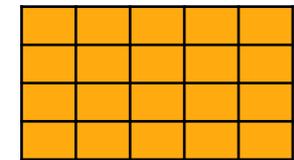
$\square \times \square = \square$



$\square \times \square = \square$



$\square \times \square = \square$



$\square \times \square = \square$

Choose one of the arrays above and write a word problem that could be solved using the array. Follow the example.

Your word problem: _____

