

Name: _____ Date: _____

Solve and Write!

Use the commutative property and arrays to solve multiplication sentences.

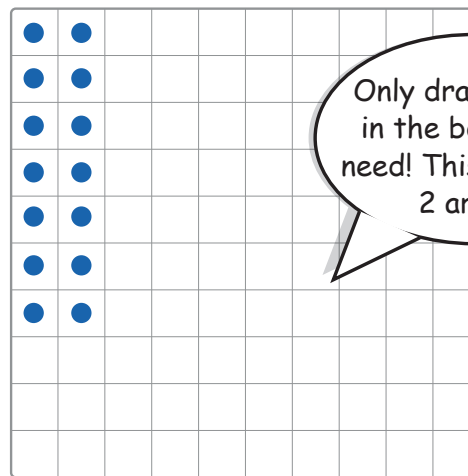
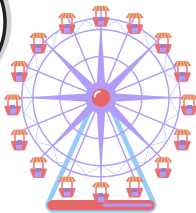


Caleb wants to make a list of all of the tickets the class needs. Solve each multiplication equation using the commutative property. Then, create an array using the grids to check your answers. Look for the picture of the ride next to your answer. Finally, write that answer next to the correct picture on Caleb's list!

Example: $2 \times 7 = 14$

$$7 \times 2 = \boxed{14}$$

You will put a 14 next to the Ferris wheel on Caleb's list!

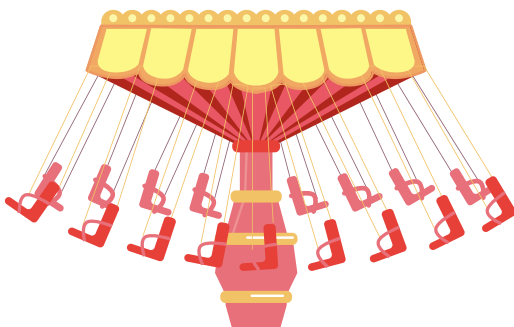


Only draw shapes in the boxes you need! This is a 7 by 2 array.

1.

$$9 \times 3 = 27$$

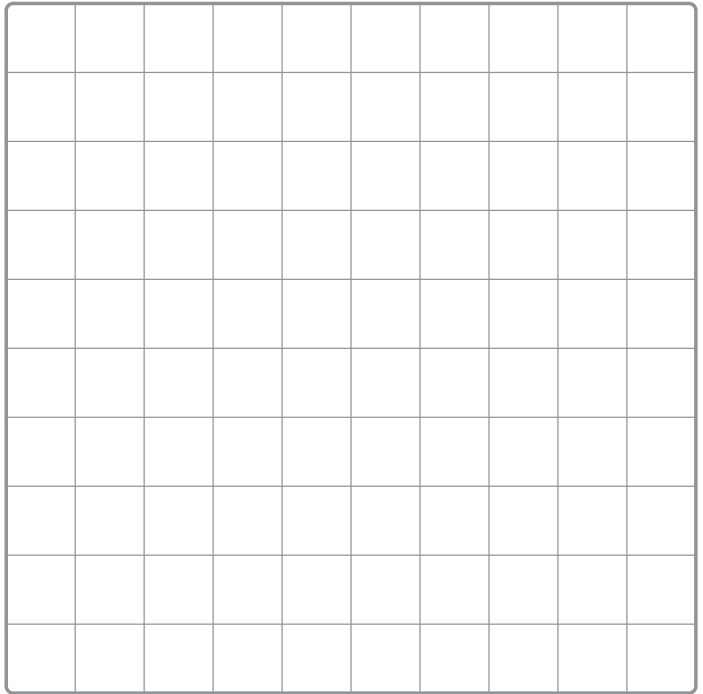
$$3 \times 9 = \boxed{}$$



2.

$$4 \times 6 = 24$$

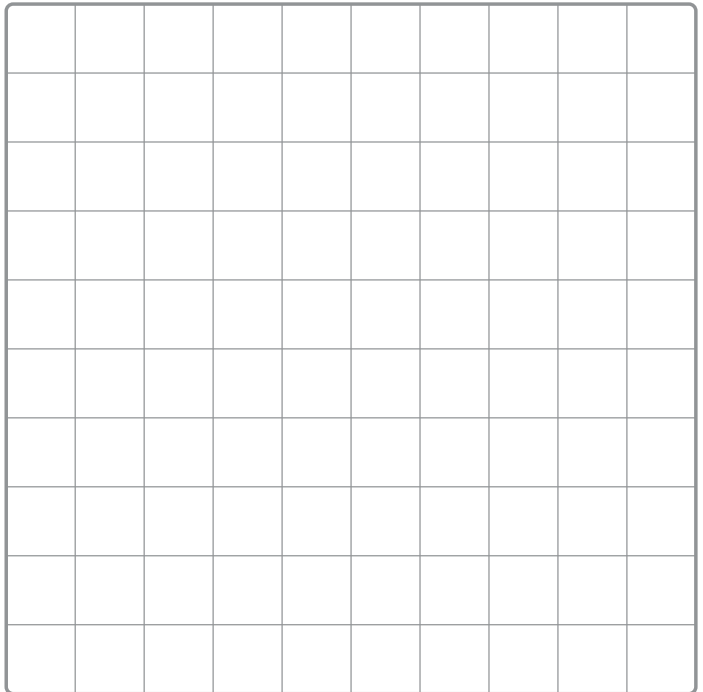
$$6 \times 4 = \square$$



3.

$$8 \times 5 = 40$$

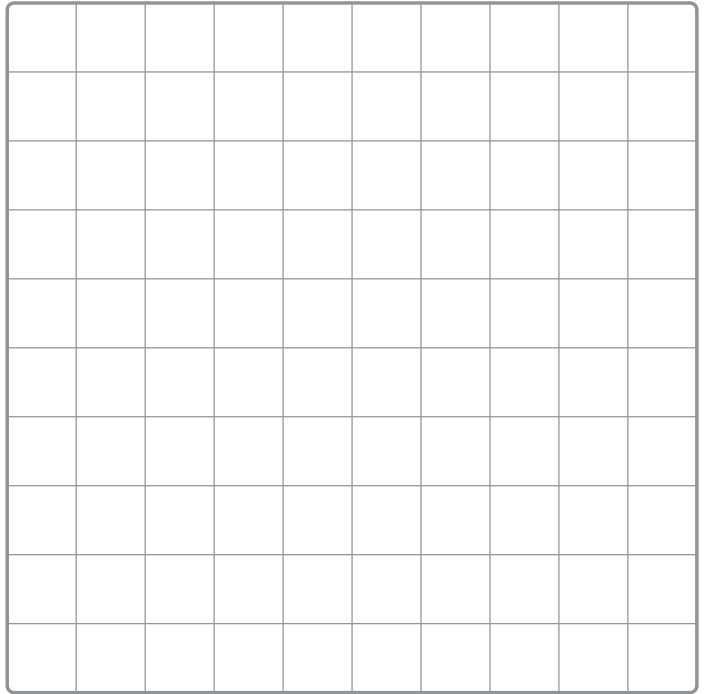
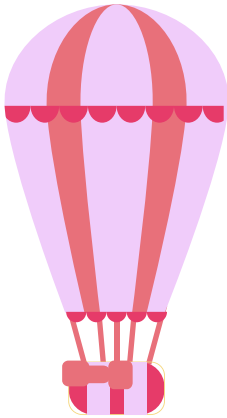
$$5 \times 8 = \square$$



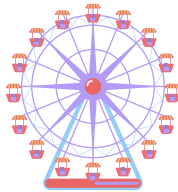
4.

$$7 \times 10 = 70$$

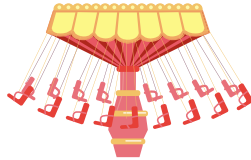
$$10 \times 7 = \boxed{}$$



CLASS TICKET LIST



14 tickets



_____ tickets



_____ tickets



_____ tickets



_____ tickets