# Multiplication Arrays

Grade 3

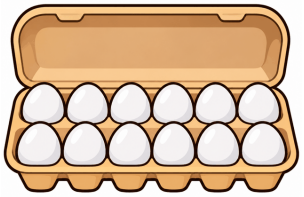
Name _____ Date _____

**Remember:** An **array** has equal rows. Count the **rows**, then how many in **each row**: 3 rows of 4 = 3 × 4 = **12**.

**Turn it:** 3 rows of 4 and 4 rows of 3 both make 12.

## 1. Use the pictures

Look at the picture. Fill in the blanks.



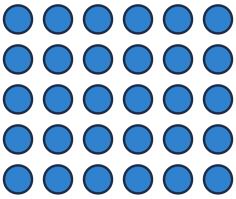
1.



_____ rows of _____ =

_____

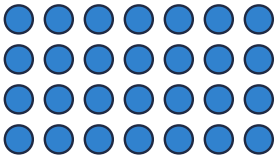
2.



_____ rows of _____ =

_____

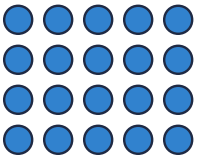
3.



_____ rows of _____ =

_____

4.



_____ rows of _____ =

_____

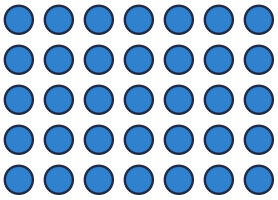
5.



_____ rows of _____ =

_____

6.



_____ rows of _____ =

_____

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## 2. More practice

Fill in the blank.

1. 3 × 4 = _____
2. 5 × 4 = _____
3. 3 × 2 = _____
4. 5 × 2 = _____
5. 5 × 3 = _____
6. 2 × 7 = _____

## 3. Word problems

Solve. Show your work.

1. **A muffin tray has 3 rows with 4 muffins in each row. Draw the array and write the multiplication.**

2. **Write two multiplication sentences for an array with 2 rows of 6.**

# Answer Key

Multiplication Arrays · Grade 3

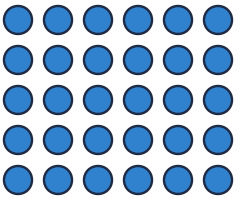
## 1. Use the pictures

1.



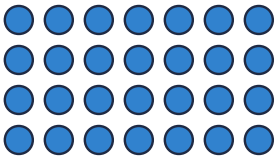
**3** rows of **3** = **9**

2.



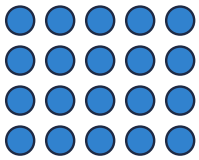
**5** rows of **6** = **30**

3.



**4** rows of **7** = **28**

4.



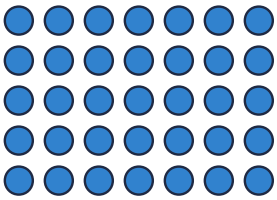
**4** rows of **5** = **20**

5.



**2** rows of **3** = **6**

6.



**5** rows of **7** = **35**

## 2. More practice

1. 3 × 4 = **12**
2. 5 × 4 = **20**
3. 3 × 2 = **6**
4. 5 × 2 = **10**
5. 5 × 3 = **15**
6. 2 × 7 = **14**

## 3. Word problems

Answers.

1. **A muffin tray has 3 rows with 4 muffins in each row. Draw the array and write the multiplication.**
   3 × 4 = 12 muffins
2. **Write two multiplication sentences for an array with 2 rows of 6.**
   2 × 6 = 12 and 6 × 2 = 12