



# Year 2 Mathematics

## Groups & Arrays - Worksheet 21

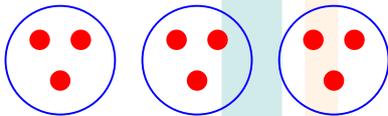
Equal Groups & "Groups Of"

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Section 1: Describing Groups (Fluency)

Look at the pictures and complete the sentences.

**Question 1:** Look at the picture. There are \_\_\_\_\_ groups of \_\_\_\_\_.

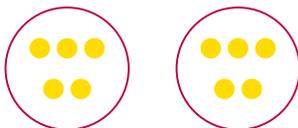


**Question 2:** Complete the sentence: 3 groups of 2 makes \_\_\_\_\_.

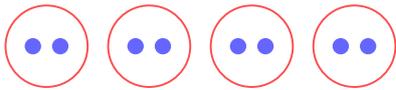


**Question 3:** How many groups can you see? \_\_\_\_\_

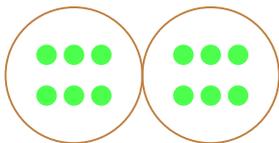
How many items in each group? \_\_\_\_\_



**Question 4:** Complete: 4 groups of 2 makes \_\_\_\_\_ altogether.



**Question 5:** There are \_\_\_\_\_ groups of \_\_\_\_\_.  
The total is \_\_\_\_\_.



**Question 6:** Complete the sentence: 5 groups of 1 makes \_\_\_\_\_.

### Grouping Genius!



*Why did the monkey love groups? Because they're all BANANAS about counting together!*



## Section 2: Drawing Groups (Reasoning)

Draw the groups as instructed. Use simple shapes like stars or circles.

**Question 7:** Draw 4 groups of 3 stars.



**Question 8:** Draw 2 groups of 5 circles.

**Question 9:** Draw 3 groups of 4 dots.



**Question 10:** Draw 5 groups of 2 triangles.



### Array Ace!

*Why did the robot love organizing groups? Because it could COUNT on being organized!*





## Section 3: Repeated Addition Connection (Challenge)

Write repeated addition sentences for the groups.

**Question 11:** Write the addition sentence for 3 groups of 5.

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

**Question 12:** Write the addition sentence for 4 groups of 2.

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

**Question 13:** Is 2 groups of 4 the same as

$$4 + 4$$

?

Circle your answer:                      YES                      NO

**Question 14:** Write the repeated addition for 5 groups of 3.

**Answer:** \_\_\_\_\_



**Question 15:** Complete: 3 groups of 6 is the same as

$$6 + 6 + 6 = \underline{\hspace{2cm}}$$

**Question 16:** Circle YES or NO: Is 4 groups of 1 the same as

$$1 + 1 + 1 + 1$$

?

**Circle your answer:**

YES

NO

**Question 17:** If you have 2 groups of 7, what is the repeated addition sentence?

**Answer:** \_\_\_\_\_

**Question 18:** How many altogether in 4 groups of 5?

**Answer:** \_\_\_\_\_



### Star Counter!

*Why are starfish so smart? Because they live in SCHOOLS and always count in groups!*



# Answer Key

## Worksheet 21: Equal Groups

### Section 1: Describing Groups

1. There are 3 groups of 3
2. 3 groups of 2 makes 6
3. 2 groups; 5 items in each group
4. 4 groups of 2 makes 8 altogether
5. There are 2 groups of 6. The total is 12.
6. 5 groups of 1 makes 5

### Section 2: Drawing Groups

7. Draw 4 circles, each containing 3 stars (Total: 12 stars)
8. Draw 2 circles, each containing 5 circles (Total: 10 circles)
9. Draw 3 circles, each containing 4 dots (Total: 12 dots)
10. Draw 5 circles, each containing 2 triangles (Total: 10 triangles)

### Section 3: Repeated Addition Connection

11.

$$5 + 5 + 5 = 15$$

12.

$$2 + 2 + 2 + 2 = 8$$

13. YES (2 groups of 4 equals  $4 + 4 = 8$ )



14.

$$3 + 3 + 3 + 3 + 3 = 15$$

15.

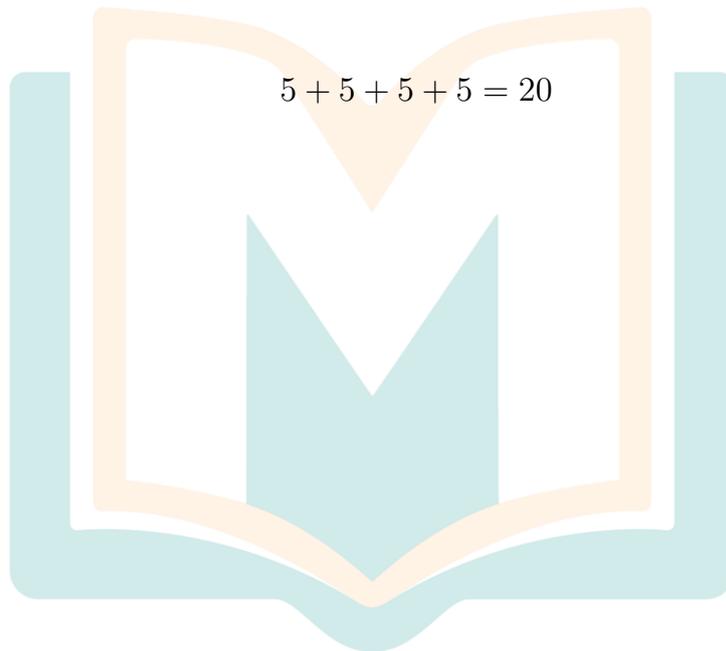
$$6 + 6 + 6 = 18$$

16. YES (4 groups of 1 equals  $1 + 1 + 1 + 1 = 4$ )

17.

$$7 + 7 = 14$$

18. 20 (  
)





# Year 2 Mathematics

## Groups & Arrays - Worksheet 22

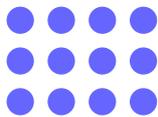
Arrays (Rows & Columns)

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Section 1: Reading Arrays (Fluency)

Look at each array and answer the questions.

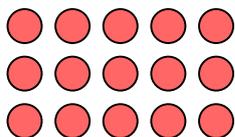
**Question 1:** How many rows? \_\_\_\_\_ How many columns? \_\_\_\_\_  
How many dots altogether? \_\_\_\_\_



**Question 2:** How many rows? \_\_\_\_\_ How many columns? \_\_\_\_\_  
How many stars altogether? \_\_\_\_\_



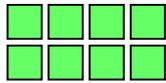
**Question 3:** This array has \_\_\_\_\_ rows and \_\_\_\_\_ columns.  
Total items: \_\_\_\_\_



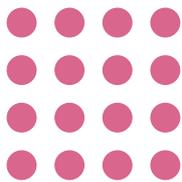


**Question 4:** Count the squares in this array.

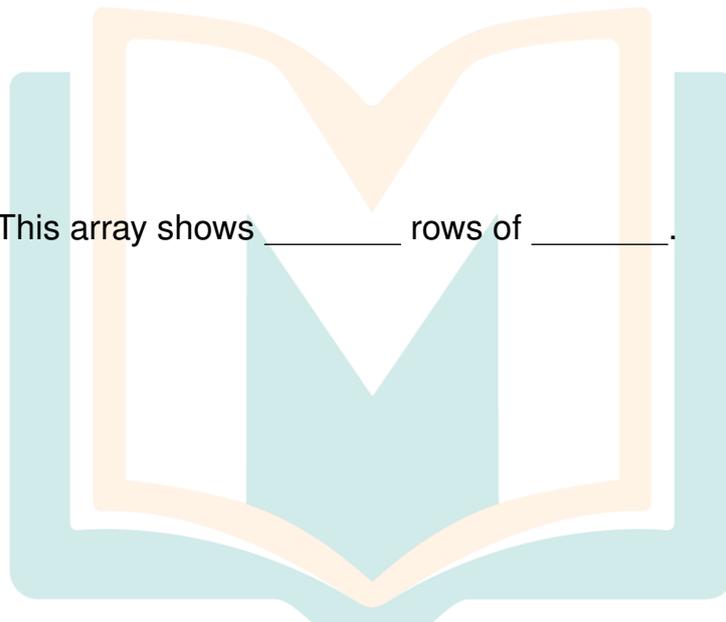
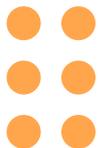
Rows: \_\_\_\_\_ Columns: \_\_\_\_\_ Total: \_\_\_\_\_



**Question 5:** How many rows? \_\_\_\_\_ How many in each row? \_\_\_\_\_



**Question 6:** This array shows \_\_\_\_\_ rows of \_\_\_\_\_.



### Array Master!



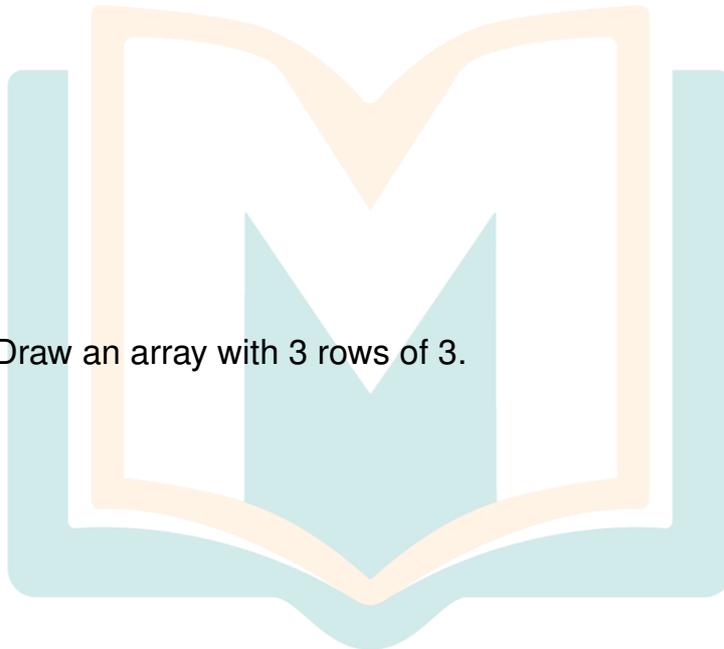
*Why did the array love being organized? Because everything was in ROWS and ready to go!*



## Section 2: Drawing Arrays (Reasoning)

Draw arrays as instructed. Use dots or circles arranged in rows and columns.

**Question 7:** Draw an array with 2 rows and 5 columns.



**Question 8:** Draw an array with 3 rows of 3.



**Question 9:** Draw an array showing 4 rows and 2 columns.



**Question 10:** Draw an array with 5 rows of 2.



**Pattern Pro!**



*Why do bees love arrays? Because they're all about that HONEY-COMB pattern!*



## Section 3: Word Problems (Challenge)

Read carefully and solve using arrays or repeated addition.

**Question 11:** A baker puts cupcakes in a tray. There are 4 rows and 2 cupcakes in each row.

How many cupcakes altogether?

**Answer:** \_\_\_\_\_ cupcakes

**Question 12:** Write the repeated addition for an array with 3 rows of 4.

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

**Question 13:** Eggs are packed in an array of 2 rows with 6 eggs in each row. How many eggs are there?

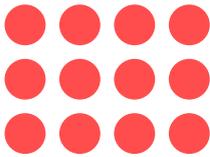
**Answer:** \_\_\_\_\_ eggs

**Question 14:** A garden has flowers planted in 5 rows. Each row has 3 flowers.

How many flowers in total?

**Answer:** \_\_\_\_\_ flowers

**Question 15:** Look at this array of apples:



Write the repeated addition: \_\_\_\_\_

**Question 16:** A bookshelf has 3 shelves. Each shelf has 5 books.  
Draw an array to show this and find the total.



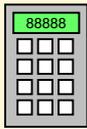
**Answer:** \_\_\_\_\_ books

**Question 17:** There are 4 rows of chairs with 4 chairs in each row.  
How many chairs are there?

**Answer:** \_\_\_\_\_ chairs

**Question 18:** A chocolate bar has 2 rows of 8 pieces.  
How many pieces altogether?

**Answer:** \_\_\_\_\_ pieces



## Multiplication Champion!

*Why did the calculator love arrays? Because it could COUNT on them every time!*





# Answer Key

## Worksheet 22: Arrays

### Section 1: Reading Arrays

1. 3 rows; 4 columns; 12 dots altogether
2. 2 rows; 3 columns; 6 stars altogether
3. 3 rows; 5 columns; 15 items total
4. 2 rows; 4 columns; 8 squares total
5. 4 rows; 4 in each row (16 total)
6. 2 rows of 3 (or 3 columns)

### Section 2: Drawing Arrays

7. Draw 2 rows with 5 dots in each row (Total: 10 items)
8. Draw 3 rows with 3 dots in each row (Total: 9 items)
9. Draw 4 rows with 2 dots in each row (Total: 8 items)
10. Draw 5 rows with 2 dots in each row (Total: 10 items)

### Section 3: Word Problems

11. 8 cupcakes (4 rows of 2:

$$2 + 2 + 2 + 2 = 8$$

)

- 12.

$$4 + 4 + 4 = 12$$



13. 12 eggs (2 rows of 6:

$$6 + 6 = 12$$

)

14. 15 flowers (5 rows of 3:

$$3 + 3 + 3 + 3 + 3 = 15$$

)

15.

$$4 + 4 + 4 = 12$$

(3 rows of 4)

16. Draw 3 rows of 5; Total: 15 books

17. 16 chairs (4 rows of 4:

$$4 + 4 + 4 + 4 = 16$$

)

18. 16 pieces (2 rows of 8:

$$8 + 8 = 16$$

)

**Excellent Work, Array Experts!**

*You've mastered groups and arrays!*