

# Class 2 Multiplication Worksheet by Thinking Juggernaut

## Understanding Multiplication as Repeated Addition

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

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

Total Marks: 24

### What is Multiplication?

Multiplication is a quick way to add the same number many times!

Instead of adding  $2 + 2 + 2$ , we can write  $3 \times 2 = 6$

We read this as "3 times 2 equals 6" or "3 groups of 2 equals 6"

The multiplication sign ( $\times$ ) means "groups of"

- $4 \times 3$  means "4 groups of 3"
- First number = How many groups
- Second number = How many in each group

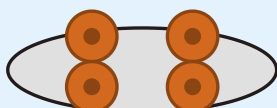
**Example:**  $3 \times 5 = 15$

This means:  $5 + 5 + 5 = 15$  (three groups of 5)

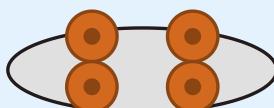
### Sample Problem

**Problem:** There are 3 plates. Each plate has 4 cookies. How many cookies are there in total?

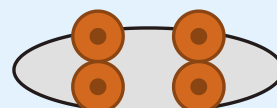
$$3 \text{ plates} \times 4 \text{ cookies} = 12 \text{ cookies}$$



4 cookies



4 cookies



4 cookies

**Solution:**

Method 1 (Addition):  $4 + 4 + 4 = 12$  cookies

Method 2 (Multiplication):  $3 \times 4 = 12$  cookies

**Answer: There are 12 cookies in total! 🍪**

## Part A: Warm-up Questions

★ Easy Level

1. Fill in the blank:  $2 + 2 + 2 = 3 \times \underline{\hspace{2cm}}$

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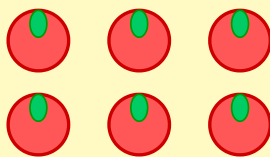
2. Multiply:  $2 \times 3 = \underline{\hspace{2cm}}$

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3. True or False:  $4 \times 2 = 8$

☐ True   ☐ False

4. Count the apples and write the multiplication:



\_\_\_\_\_ rows × \_\_\_\_\_ apples = \_\_\_\_\_ apples

5. Solve:  $5 \times 2 =$  \_\_\_\_\_

6. Complete:  $1 \times 6 =$  \_\_\_\_\_

7. Which is greater? Circle the correct answer.

$2 \times 4$    OR    $3 \times 3$

8. Fill in the missing number:  $3 \times$  \_\_\_\_\_  $= 9$

## Part B: Practice Questions

☆☆ Medium Level

9. A butterfly has 2 wings. How many wings do 4 butterflies have?



Each butterfly has 2 wings 🦋

Multiplication: \_\_\_\_ × \_\_\_\_ = \_\_\_\_

Answer: \_\_\_\_ wings

10. Match Column A with Column B:

Column A	Column B
a) $2 \times 2$	i) 6
b) $2 \times 3$	ii) 8
c) $2 \times 4$	iii) 4

Write your answers: a-\_\_\_\_, b-\_\_\_\_, c-\_\_\_\_

11. True or False:  $5 \times 0 = 5$

☐ True   ☐ False

12. There are 3 bags of marbles. Each bag has 5 marbles. How many marbles are there in total?

13. Look at the picture and write the multiplication:



\_\_\_\_ groups × \_\_\_\_ stars = \_\_\_\_ stars

14. Calculate:  $6 \times 2 =$  \_\_\_\_

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15. Fill in the blank:  $4 \times$  \_\_\_\_ = 12

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16. Priya buys 3 packs of pencils. Each pack costs ₹5. How much does she pay in total?

PENCILS  
₹5

PENCILS  
₹5

PENCILS  
₹5

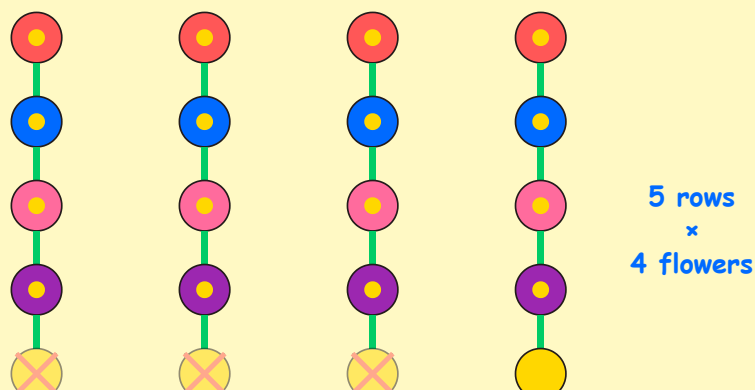
17. Write the multiplication table of 2 from  $2 \times 1$  to  $2 \times 5$ :

18. Complete the pattern: 3, 6, 9, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

### Part C: Challenge Questions

☆☆☆ Hard Level

19. A garden has 5 rows of flowers. Each row has 4 flowers. If 3 flowers are picked, how many flowers are left in the garden?



x = Picked flowers

Total flowers: \_\_\_\_\_

Picked flowers: \_\_\_\_\_

Flowers left: \_\_\_\_\_

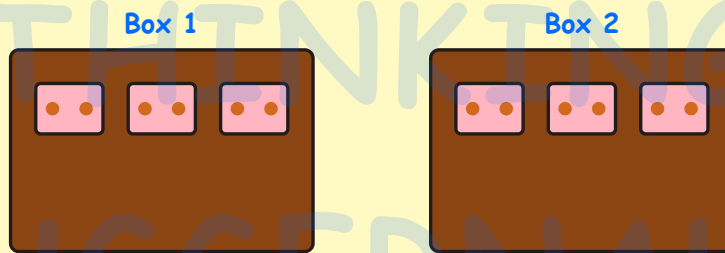
**20.** Fill in the missing numbers:

$$\underline{\hspace{1cm}} \times 4 = 8$$

$$3 \times \underline{\hspace{1cm}} = 15$$

$$\underline{\hspace{1cm}} \times 3 = 6$$

**21.** Rohan has 2 boxes. Each box has 3 packets. Each packet has 2 chocolates. How many chocolates does Rohan have in total?



$$2 \text{ boxes} \times 3 \text{ packets} \times 2 \text{ chocolates} = ?$$

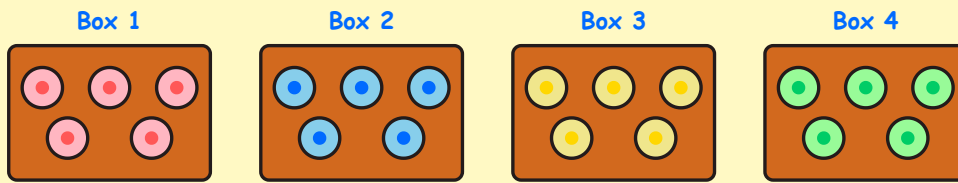
Show your work:

**22.** True or False:  $4 \times 3$  is the same as  $3 \times 4$

☐ True    ☐ False

Explain your answer: \_\_\_\_\_

**23.** A baker makes 4 boxes of cupcakes. Each box has 5 cupcakes. He sells 6 cupcakes. How many cupcakes are left?



4 boxes  $\times$  5 cupcakes = ? cupcakes

If 6 are sold, how many are left? 🍰

24. Create your own word problem using  $3 \times 4$  and solve it:

My Problem:

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Answer:

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## Answer Key

### Part A: Warm-up Questions

1. 2 (because  $2 + 2 + 2 = 3 \times 2 = 6$ )

2. 6

3. True

4. 2 rows  $\times$  3 apples = 6 apples

5. 10

6. 6

7.  $3 \times 3$  is greater ( $2 \times 4 = 8$ ,  $3 \times 3 = 9$ )

8. 3

### Part B: Practice Questions

9.  $4 \times 2 = 8$  wings

10. a-iii (4), b-i (6), c-ii (8)

11. False ( $5 \times 0 = 0$ , anything multiplied by 0 is 0)

12.  $3 \times 5 = 15$  marbles

13.  $4 \times 3 = 12$  stars

14. 12

15. 3

16.  $3 \times ₹5 = ₹15$

17.  $2 \times 1 = 2$ ,  $2 \times 2 = 4$ ,  $2 \times 3 = 6$ ,  $2 \times 4 = 8$ ,  $2 \times 5 = 10$

18. 12, 15, 18 (pattern: counting by 3s)

### Part C: Challenge Questions

19. Total flowers:  $5 \times 4 = 20$ , Picked: 3, Left:  $20 - 3 = 17$  flowers

20.  $2 \times 4 = 8$ ;  $3 \times 5 = 15$ ;  $2 \times 3 = 6$

21. 2 boxes  $\times$  3 packets = 6 packets; 6 packets  $\times$  2 chocolates = 12 chocolates

22. True (This is called the commutative property of multiplication - order doesn't matter)




23.  $4 \times 5 = 20$  cupcakes;  $20 - 6 = 14$  cupcakes left

24. Student's own creative answer (should use  $3 \times 4 = 12$ )



## Scoring Guide

Total Questions: 24 | Total Marks: 24

Score Range	Performance Level	What to Do Next
20-24	 Excellent!	<b>Outstanding performance!</b> You've mastered multiplication concepts. <b>Next steps:</b> Start practicing multiplication tables 2-5 daily, try solving real-life multiplication problems (like calculating total items while shopping), and help your friends understand multiplication.
15-19	 Very Good!	<b>Great job!</b> You understand multiplication well. <b>Focus on:</b> Review the questions you missed, especially word problems. Practice writing multiplication as repeated addition (e.g., $3 \times 4 = 4 + 4 + 4$ ). Spend 15 minutes daily on multiplication practice.
10-14	 Good Effort!	<b>Good start!</b> You're learning multiplication. <b>Work on:</b> Understanding that multiplication means "groups of." Use objects at home (toys, fruits) to practice grouping. Focus on tables of 2, 3, and 4. Draw pictures to visualize problems. Practice 5-10 simple multiplication problems daily.
0-9	Keep Trying!	<b>Don't give up!</b> Multiplication takes practice. <b>Start with:</b> Learning that multiplication is repeated addition ( $2 \times 3$ means $3 + 3$ ). Begin with table of 2 and practice with real objects (count pairs of shoes, wheels on toys). Ask your teacher or parents for extra help. Use fingers or draw dots to count. Practice just 3-4 easy problems daily until you feel confident.





### Tips for Mastering Multiplication:

- **Start with skip counting:** Count by 2s (2, 4, 6, 8...), by 3s (3, 6, 9, 12...), by 5s (5, 10, 15, 20...)
- **Use real objects:** Group your toys, pencils, or snacks to see multiplication in action
- **Draw pictures:** Draw groups of dots or shapes to visualize the problems

- **Remember special rules:**
  - Any number  $\times 0 = 0$  ( $5 \times 0 = 0$ )
  - Any number  $\times 1 =$  that same number ( $7 \times 1 = 7$ )
  - Order doesn't matter:  $3 \times 4 = 4 \times 3 = 12$
- **Make it fun:** Sing multiplication songs, play multiplication games, or create flashcards
- **Practice multiplication tables:** Learn tables of 2, 3, 4, and 5 first (these are easiest!)
- **Connect to addition:** Remember  $4 \times 3$  means  $3 + 3 + 3 + 3$
- **Use your fingers:** For table of 2, count by 2s on your fingers

✨ Great Job Completing This Worksheet! ✨

Keep practicing multiplication and you'll become a math champion!

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