

# Class 3 Multiplication Worksheet with Answers

Thinking Juggernaut

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

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

Total Marks: 24

## 🎯 What is Multiplication?

**Multiplication is repeated addition!**

When we add the same number again and again, we can use multiplication to make it faster.

For example:  $3 + 3 + 3 + 3 = 12$  can also be written as  $3 \times 4 = 12$

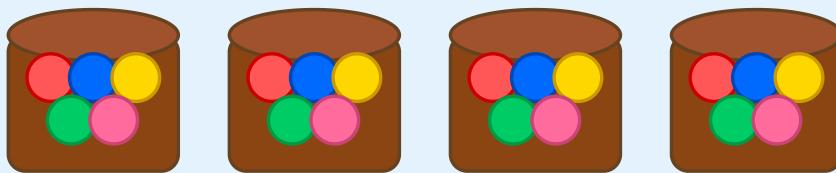
We read this as "3 multiplied by 4 equals 12" or "3 times 4 equals 12"

## 📝 Sample Problem

**Problem:** There are 4 baskets. Each basket has 5 balls. How many balls are there in total?

**4 baskets × 5 balls = 20 balls**

Count the colorful balls in each basket!



**Solution:**

Method 1 (Addition):  $5 + 5 + 5 + 5 = 20$  balls

Method 2 (Multiplication):  $4 \times 5 = 20$  balls

**Answer: There are 20 balls in total!** ⚽

## Part A: Warm-up Questions

★ Easy Level

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

2. Multiply:  $3 \times 4 = \underline{\hspace{2cm}}$

3. True or False:  $5 \times 2 = 10$

- True
- False

4. Count the stars and write the multiplication:



\_\_\_\_\_ rows  $\times$  \_\_\_\_\_ stars = \_\_\_\_\_ stars

5. Solve:  $6 \times 2 = \underline{\hspace{2cm}}$

6. Complete:  $1 \times 7 = \underline{\hspace{2cm}}$

7. Which is greater? Circle the correct answer.

$3 \times 5$  OR  $4 \times 4$

8. Fill in the missing number:  $5 \times \underline{\hspace{2cm}} = 15$

## Part B: Practice Questions

★★ Medium Level

9. A car has 4 wheels. How many wheels do 5 cars have?



Each car has 4 wheels 

Multiplication:  $\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

Answer:  $\underline{\hspace{1cm}}$  wheels

**10.** Match Column A with Column B:

Column A	Column B
a) $3 \times 3$	i) 12
b) $4 \times 3$	ii) 15
c) $5 \times 3$	iii) 9

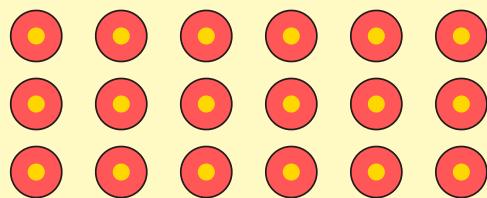
Write your answers: a-\_\_\_\_, b-\_\_\_\_, c-\_\_\_\_

**11.** True or False:  $7 \times 0 = 7$

- True
- False

**12.** There are 6 boxes of crayons. Each box has 8 crayons. How many crayons are there in total?

**13.** Look at the picture and write the multiplication:



$$\underline{\quad} \times \underline{\quad} = \underline{\quad} \text{ flowers}$$

14. Calculate:  $9 \times 3 = \underline{\hspace{2cm}}$

15. Fill in the blank:  $8 \times \underline{\hspace{2cm}} = 16$

16. Riya buys 4 packets of biscuits. Each packet costs ₹7. How much does she pay in total?

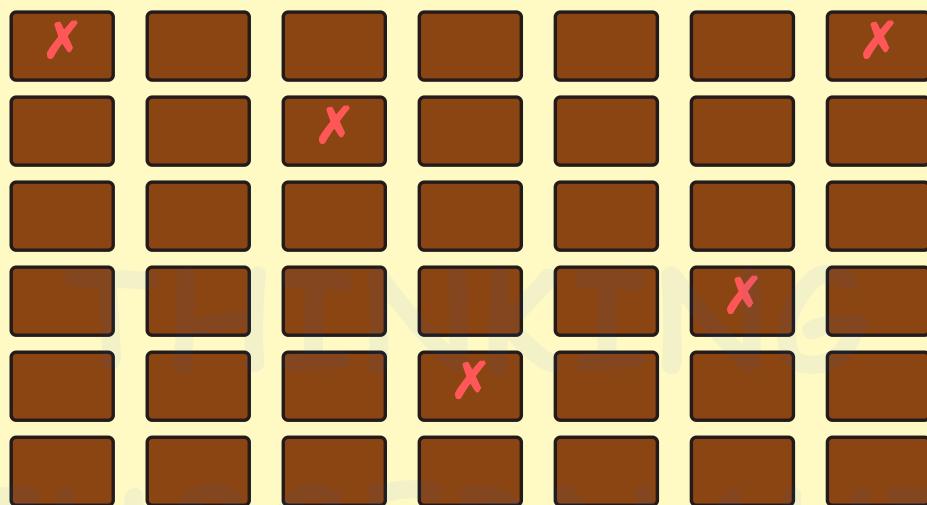
17. Write the multiplication table of 4 from  $4 \times 1$  to  $4 \times 5$ :

18. Complete the pattern: 2, 4, 6, 8,       ,       ,

## Part C: Challenge Questions

★★★ Hard Level

19. A classroom has 6 rows of desks. Each row has 7 desks. If 5 desks are empty, how many students are sitting?



6 rows  $\times$  7 desks per row |  $\text{X}$  = Empty desk

Total desks: \_\_\_\_\_

Empty desks: \_\_\_\_\_

Students sitting: \_\_\_\_\_

20. Fill in the missing numbers:

$$\underline{\quad} \times 6 = 24$$

$$7 \times \underline{\quad} = 35$$

$$\underline{\quad} \times 9 = 27$$

21. Amit has 3 bags. Each bag has 4 boxes. Each box has 2 pencils. How many pencils does Amit have in total?

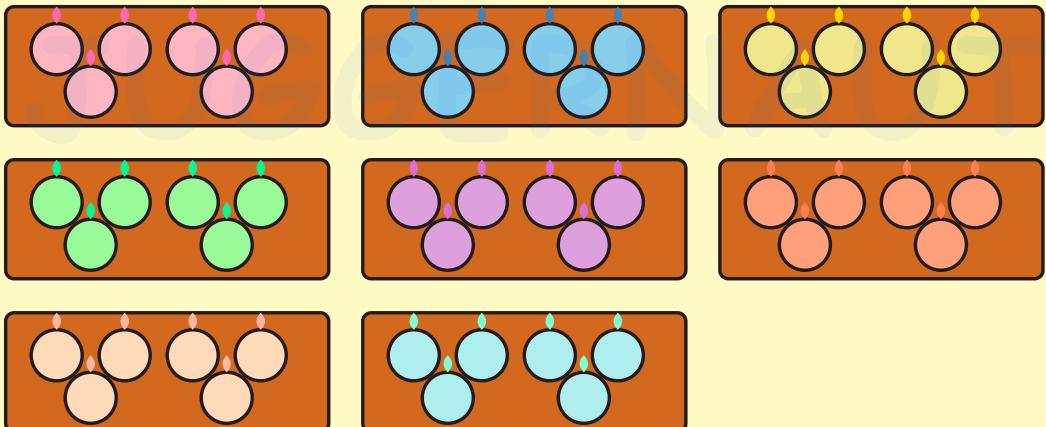
Show your work:

22. True or False:  $6 \times 5$  is the same as  $5 \times 6$

- True
- False

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

23. A baker makes 8 trays of cupcakes. Each tray has 6 cupcakes. He sells 25 cupcakes. How many cupcakes are left?



8 trays  $\times$  6 cupcakes each = ? cupcakes

If 25 are sold, how many are left? 

24. Create your own word problem using  $5 \times 4$  and solve it:

My Problem:

Answer:

### | Answer Key

#### Part A: Warm-up Questions

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

2. 12

3. True

4. 2 rows  $\times$  4 stars = 8 stars

5. 12

6. 7

7.  $4 \times 4$  is greater ( $3 \times 5 = 15$ ,  $4 \times 4 = 16$ )

8. 3

#### Part B: Practice Questions

9.  $5 \times 4 = 20$  wheels

10. a-iii (9), b-i (12), c-ii (15)

11. False ( $7 \times 0 = 0$ , anything multiplied by 0 is 0)

12.  $6 \times 8 = 48$  crayons

13.  $3 \times 6 = 18$  flowers

14. 27

15. 2

16.  $4 \times ₹7 = ₹28$

17.  $4 \times 1 = 4$ ,  $4 \times 2 = 8$ ,  $4 \times 3 = 12$ ,  $4 \times 4 = 16$ ,  $4 \times 5 = 20$

18. 10, 12, 14 (pattern: counting by 2s)

### Part C: Challenge Questions

19. Total desks:  $6 \times 7 = 42$ , Empty: 5, Students:  $42 - 5 = 37$  students

20.  $4 \times 6 = 24$ ;  $7 \times 5 = 35$ ;  $3 \times 9 = 27$

21. 3 bags  $\times$  4 boxes = 12 boxes; 12 boxes  $\times$  2 pencils = 24 pencils

22. True (This is called the commutative property of multiplication)

23.  $8 \times 6 = 48$  cupcakes;  $48 - 25 = 23$  cupcakes left

24. Student's own creative answer (should use  $5 \times 4 = 20$ )



### Scoring Guide

Total Questions: 24 | Total Marks: 24

Score Range	Performance Level	What to Do Next
20-24	★★★ Excellent!	You're a multiplication master! Try harder problems.

15-19	★★ Very Good!	Great job! Practice a bit more to become perfect.
10-14	★ Good Effort!	Keep practicing your tables. You're improving!
0-9	Keep Trying!	Don't worry! Practice tables daily and ask for help.



### Tips for Improvement:

- Practice multiplication tables from 1 to 10 every day
- Use real objects like toys or fruits to understand groups
- Remember: any number  $\times 0 = 0$
- Remember: any number  $\times 1 =$  that same number
- The order doesn't matter:  $3 \times 4 = 4 \times 3$

✨ Great Job Completing This Worksheet! ✨

Keep practicing and you'll become a math champion!



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