

# Class 3 Multiplication Word Problems Worksheet

Thinking Juggernaut

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

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

Total Marks: 15

## 🎯 Understanding Multiplication Word Problems

**What are word problems?**

Word problems are stories or real-life situations that we solve using math!

**Steps to solve multiplication word problems:**

- 1 **Read carefully:** Understand what the problem is asking
- 2 **Find the numbers:** Look for important numbers in the story
- 3 **Find the keywords:** Words like "each", "every", "groups of" mean multiplication
- 4 **Write the multiplication:** Number of groups × Items in each group
- 5 **Solve and answer:** Calculate and write your answer with units

💡 **Remember:** Multiplication helps us count quickly when we have equal groups!



## Sample Problem

**Problem:** Priya goes to a Mumbai sweet shop and buys 5 boxes of ladoos. Each box contains 6 ladoos. How many ladoos does Priya buy in total?

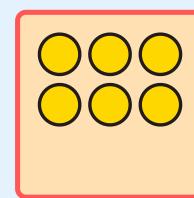
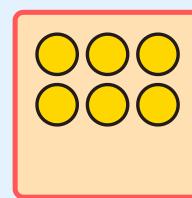
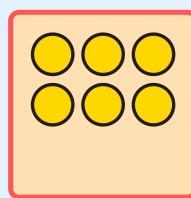
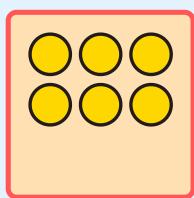
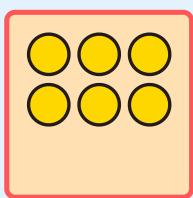
Box 1

Box 2

Box 3

Box 4

Box 5



**5 boxes × 6 ladoos = 30 ladoos**

Each box has 6 sweet ladoos! 🍬

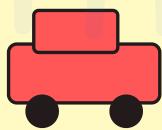
### Step-by-step Solution:

- 1 Read: Priya buys 5 boxes, each box has 6 ladoos
- 2 Numbers: 5 boxes and 6 ladoos
- 3 Keyword: "Each box contains" means multiply
- 4 Multiplication:  $5 \times 6 = 30$
- 5 Answer: Priya buys 30 ladoos in total! 🎉

## Part A: Easy Word Problems

★ Level 1 - Easy

1. Rahul has 3 toy cars. Each car has 4 wheels. How many wheels are there in total?



Each car has 4 wheels 🚗

Multiplication: \_\_\_  $\times$  \_\_\_ = \_\_\_

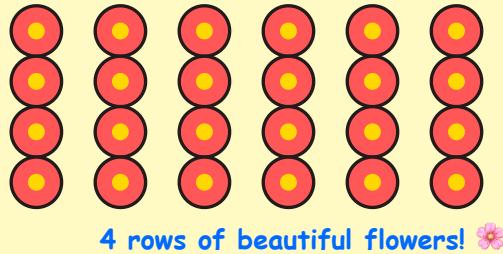
Answer: \_\_\_\_\_ wheels

2. A Delhi school has 5 classrooms. Each classroom has 8 students. How many students are there in the school?

Multiplication: \_\_\_  $\times$  \_\_\_ = \_\_\_

Answer: \_\_\_\_\_ students

3. Rina plants 4 rows of flowers in her Bangalore garden. Each row has 6 flowers. How many flowers did she plant?



Multiplication: \_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

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

4. Multiple Choice Question (MCQ): A Chennai bookstore has 7 shelves. Each shelf has 5 books. How many books are there in total?

a) 30 books

b) 35 books

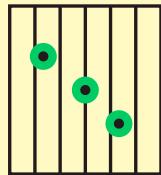
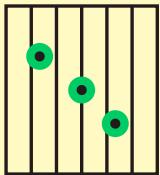
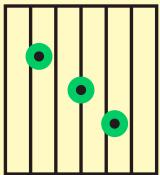
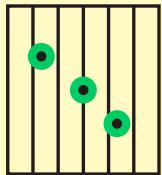
c) 40 books

d) 12 books

5. Amit buys 6 packets of chips. Each packet costs ₹10. How much money does he spend in total?

Answer: ₹\_\_\_\_\_

6. A Kolkata zoo has 4 cages. Each cage has 3 parrots. How many parrots are there in the zoo?



4 cages with 3 parrots each 

Answer: \_\_\_\_\_ parrots

## Part B: Medium Word Problems

 Level 2 - Medium

7. A Pune cricket team has 11 players. The coach gives each player 3 water bottles. How many water bottles does the coach give in total?

Answer: \_\_\_\_\_ water bottles

8. Multiple Choice Question (MCQ): Meera arranges 8 plates on the table. She puts 4 gulab jamuns on each plate. How many gulab jamuns are there altogether?

a) 24 gulab jamuns

b) 32 gulab jamuns

c) 28 gulab jamuns

d) 12 gulab jamuns

Your answer: \_\_\_\_\_

9. A Jaipur toy shop has 9 boxes of toy cars. Each box contains 7 cars. How many toy cars are there in the shop?

Box 1



7 cars

Box 2



7 cars

Box 3



7 cars

...

6 more boxes

Total 9 boxes  $\times$  7 cars each

Answer: \_\_\_\_\_ toy cars

10. A bus from Hyderabad to Vijayawada makes 6 trips in a day. Each trip carries 45 passengers. How many passengers travel in total?

Answer: \_\_\_\_\_ passengers

11. Sneha practices dance for 8 days. She practices for 2 hours each day. How many hours does she practice in total?

2h

2h

2h

2h

2h

+ 3  
more

8 days of practice 

Answer: \_\_\_\_\_ hours

12. Multiple Choice Question (MCQ): A farmer from Punjab has 7 fields. Each field has 9 mango trees. How many mango trees does the farmer have?

a) 56 trees

b) 63 trees

c) 72 trees

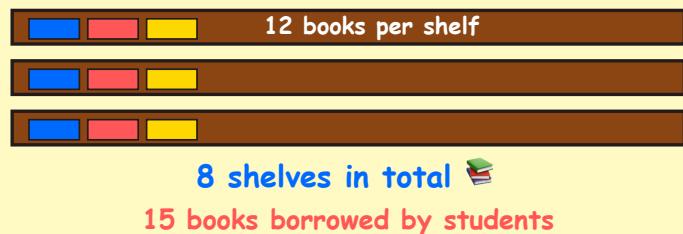
d) 16 trees

Your answer: \_\_\_\_\_

## Part C: Challenge Word Problems

★★★ Level 3 - Hard

13. A library in Lucknow has 8 shelves. Each shelf has 12 books. If 15 books are borrowed by students, how many books are left in the library?



Step 1 - Total books:  $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

Step 2 - Books left:  $\underline{\quad} - \underline{\quad} = \underline{\quad}$

Answer:  $\underline{\quad}$  books left

14. Rohan has 5 packets of pencils. Each packet has 6 pencils. He gives 2 packets to his friend. How many pencils does Rohan have now?

Answer:  $\underline{\quad}$  pencils

15. A bakery in Ahmedabad makes 9 trays of cupcakes every day. Each tray has 8 cupcakes. If the bakery sells all cupcakes for ₹20 each, how much money does the bakery earn in one day?



+ 7 more trays

Total: 9 trays × 8 cupcakes

Each cupcake sells for ₹20

How much money in total?

Answer: ₹ \_\_\_\_\_

THINKING



## Answer Key

### Part A: Easy Word Problems

1. Multiplication:  $3 \times 4 = 12$

Answer: 12 wheels

2. Multiplication:  $5 \times 8 = 40$

Answer: 40 students

3. Multiplication:  $4 \times 6 = 24$

Answer: 24 flowers

4. Your answer: b) 35 books

Explanation:  $7 \times 5 = 35$  books

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5. Multiplication:  $6 \times ₹10 = ₹60$

Answer: ₹60

6. Multiplication:  $4 \times 3 = 12$

Answer: 12 parrots

## Part B: Medium Word Problems

7. Multiplication:  $11 \times 3 = 33$

Answer: 33 water bottles

8. Your answer: b) 32 gulab jamuns

Explanation:  $8 \times 4 = 32$  gulab jamuns

9. Multiplication:  $9 \times 7 = 63$

Answer: 63 toy cars

10. Multiplication:  $6 \times 45 = 270$

Answer: 270 passengers

11. Multiplication:  $8 \times 2 = 16$

Answer: 16 hours

12. Your answer: b) 63 trees

Explanation:  $7 \times 9 = 63$  mango trees

## Part C: Challenge Word Problems

13. Step 1 - Total books:  $8 \times 12 = 96$

Step 2 - Books left:  $96 - 15 = 81$

Answer: 81 books left

14. Step 1 - Pencils in 2 packets:  $2 \times 6 = 12$

Step 2 - Total pencils Rohan had:  $5 \times 6 = 30$

Step 3 - Pencils left:  $30 - 12 = 18$

Answer: 18 pencils

15. Step 1 - Total cupcakes:  $9 \times 8 = 72$

Step 2 - Money earned:  $72 \times ₹20 = ₹1440$

Answer: ₹1440

## Scoring Guide

Total Questions: 15 | Total Marks: 15

Score Range	Performance Level	What to Do Next
13-15	 Excellent!	You're a word problem champion! Try creating your own problems.
10-12	 Very Good!	Great work! Practice reading problems more carefully.
7-9	 Good Effort!	Keep practicing! Focus on finding keywords in problems.
0-6	Keep Trying!	Don't give up! Practice the 5-step method daily.

### Tips for Solving Word Problems:

- Read the problem twice - once quickly, then slowly
- Underline or circle the important numbers
- Look for keywords: "each", "every", "per", "groups of"
- Draw pictures if it helps you understand
- Write the multiplication before solving
- Always write the unit in your answer (books, cars, rupees, etc.)
- Check: Does my answer make sense?

### Common Keywords in Multiplication Word Problems:

- "Each" - Each box has 5 apples
- "Every" - Every child gets 3 candies
- "Per" - 4 wheels per car
- "Times" - Three times as many
- "Groups of" - 6 groups of 4 students

 **Fantastic Job Solving These Word Problems!** 

Word problems help you use math in real life!



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