

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!

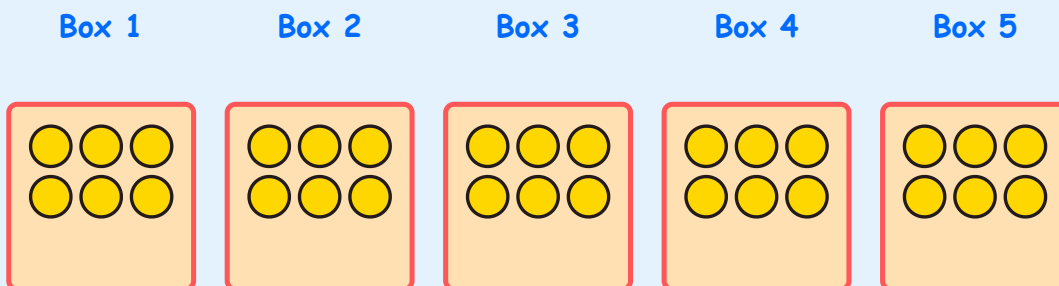
Steps to solve multiplication word problems:

- 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?



$$5 \text{ boxes} \times 6 \text{ ladoos} = 30 \text{ ladoos}$$

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: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

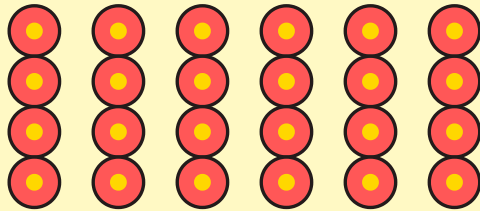
Answer: $\underline{\hspace{2cm}}$ wheels

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

Multiplication: $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

Answer: $\underline{\hspace{2cm}}$ students

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



4 rows of beautiful flowers! 🌸

Multiplication: _____ × _____ = _____

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

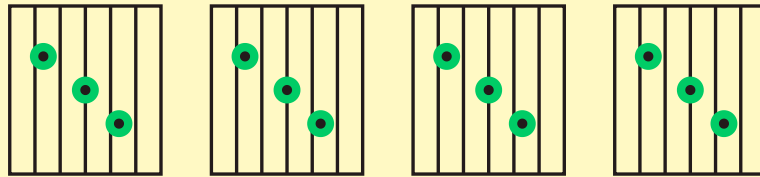
c) 40 books

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

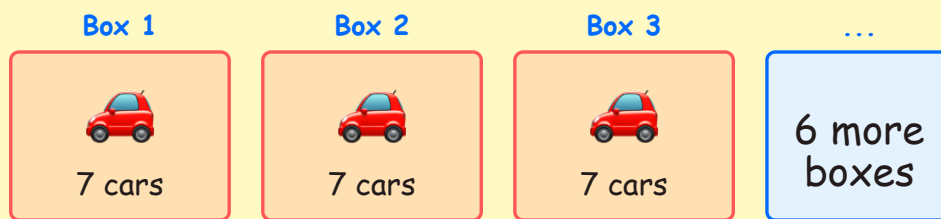
b) 32 gulab jamuns

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?



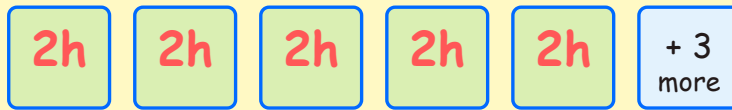
Total 9 boxes × 7 cars each

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?



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?



8 shelves in total 
15 books borrowed by students

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?



Total: 9 trays × 8 cupcakes 🧁

Each cupcake sells for ₹20

How much money in total?

Answer: ₹ _____

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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

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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