

# Class 3 Division Word Problems

Thinking Juggernaut



## Understanding Division Word Problems

Division word problems help us solve real-life situations where we need to share things equally or group items together.

**Key Steps to Solve Division Word Problems:**

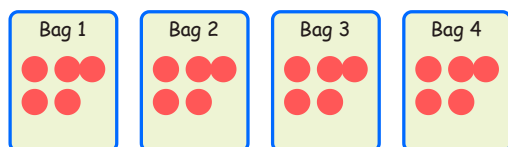
- **Step 1:** Read the problem carefully
- **Step 2:** Find the total number (Dividend)
- **Step 3:** Find how many groups or parts (Divisor)
- **Step 4:** Divide to find the answer (Quotient)
- **Step 5:** Write the answer with the correct unit



### Sample Problem with Visual

**Problem:** Ravi has 20 cricket balls. He wants to pack them equally in 4 bags. How many cricket balls will be in each bag?

$$20 \text{ cricket balls} \div 4 \text{ bags} = ?$$



Each bag has 5 cricket balls

**Solution:**

Total balls = 20

Number of bags = 4

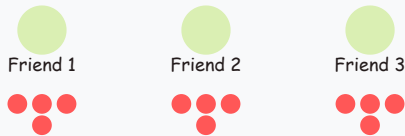
$$20 \div 4 = 5$$

**Answer:** 5 cricket balls in each bag

**Part A: Warm-up (Easy) - 4 Questions**

**Q1.** Meera has 12 gulab jamuns. She wants to share them equally among 3 friends. How many gulab jamuns will each friend get?

12 gulab jamuns ÷ 3 friends



**Q2.** A farmer picked 15 mangoes from his orchard. He wants to put them equally in 5 baskets. How many mangoes will be in each basket?

A) 2 mangoes

B) 3 mangoes

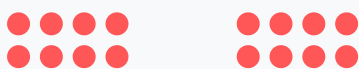
C) 5 mangoes

D) 10 mangoes

**Q3.** Priya bought 18 bangles for a festival. She wants to give them equally to 6 of her cousins. How many bangles will each cousin get?

**Q4.** Look at the picture and solve:

16 diyas equally in 4 rows



How many diyas are in each row? \_\_\_\_\_

## Part B: Practice (Medium) - 8 Questions

**Q5.** A sweet shop owner made 36 ladoos. He packs them equally in 6 boxes to sell. How many ladoos are in each box?

$$36 \text{ ladoos} \div 6 \text{ boxes} = ?$$

?	?	?	?	?	?
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**Q6.** A school bus can carry 8 students on one trip. If 48 students need to go on a field trip, how many trips will the bus need to make?

A) 4 trips

B) 5 trips

C) 6 trips

D) 8 trips

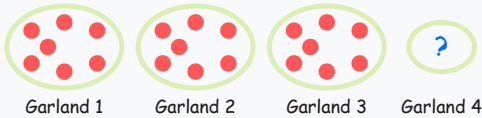
**Q7.** Rohan's mother made 42 chapatis for a family gathering. She wants to serve them equally to 7 family members. How many chapatis will each person get?

**Q8.** A shopkeeper has 35 pencils. He bundles them equally into groups of 5. How many bundles can he make?

**Q9.** Anjali collected 28 flowers from her garden. She wants to make 4 garlands with equal number of flowers. How many flowers will be in each

garland?

28 flowers ÷ 4 garlands



**Q10.** A cricket coach has 54 cricket balls. He divides them equally among 9 practice nets. How many balls does each net get?

A) 5 balls

B) 6 balls

C) 7 balls

D) 9 balls

**Q11.** Sumit has 45 rupees. He wants to buy erasers that cost 5 rupees each. How many erasers can he buy?

**Q12.** A fruit vendor has 63 oranges. He packs them equally in 7 bags to sell at the market. How many oranges are in each bag?

### Part C: Challenge (Hard) - 3 Questions

**Q13.** A library has 72 books on science. The librarian wants to arrange them equally on 8 shelves. After arranging, she adds 3 more books to each shelf. How many books are now on each shelf?

72 books ÷ 8 shelves, then add 3 more to each

Step 1: Divide

$$72 \div 8 = ?$$

Books per shelf = ?

Step 2: Add 3 more

$$? + 3 = ?$$

Final books per shelf = ?

8 shelves with equal books



**Q14.** Ramesh bought 80 samosas for his birthday party. He gave 20 samosas to his neighbors and divided the remaining samosas equally among 6 friends. How many samosas did each friend get?

80 samosas - 20 to neighbors = ? ÷ 6 friends

Total <b>80</b> samosas	-	Neighbors <b>20</b> samosas	=	Remaining <b>?</b> samosas	÷	Friends <b>6</b>
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Each friend gets = ? samosas

(First subtract, then divide!)

**Q15.** A vegetable vendor has 96 tomatoes. He sells half of them in the morning. He then packs the remaining tomatoes equally in 8 bags. How many tomatoes are in each bag?

A) 4 tomatoes

B) 6 tomatoes

C) 8 tomatoes

D) 12 tomatoes



**Answer Key**

Q1: 4 gulab jamuns

Q2: B) 3 mangoes

Q3: 3 bangles

Q4: 4 diyas

Q5: 6 ladoos

Q6: C) 6 trips

Q7: 6 chapatis

Q8: 7 bundles

Q9: 7 flowers

Q10: B) 6 balls

Q11: 9 erasers

Q12: 9 oranges

Q13: 12 books ( $72 \div 8 = 9$ , then  $9 + 3 = 12$ )

Q14: 10 samosas ( $80 - 20 = 60$ , then  $60 \div 6 = 10$ )

Q15: B) 6 tomatoes ( $96 \div 2 = 48$ , then  $48 \div 8 = 6$ )



## Scoring Guide

### Score Range

### Performance & Next Steps

13-15 correct

☆☆☆ Excellent! You've mastered division word problems. Challenge yourself with harder multi-step problems.

10-12 correct

☆☆ Very Good! Review Part C questions. Practice identifying if you need to subtract first before dividing.

7-9 correct

★ Good Start! Focus on: 1) Reading problems twice, 2) Underlining key numbers, 3) Drawing pictures to visualize.

Below 7

💪 Keep Practicing! Go back to Part A. Practice your division tables (2-10). Ask an adult to explain word problems step-by-step.

Total Questions: 15 | Your Score: \_\_\_\_\_ / 15

💡 **Pro Tip:** For multi-step problems, write down each step separately before solving!

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