

Class 3 Word Problems Worksheet

By Thinking Juggernaut



Solving Word Problems - Which Operation to Use?

How to Choose the Right Operation:

- **Addition (+):** Use when combining things, adding more, finding total, "altogether", "in all"
- **Subtraction (-):** Use when taking away, finding difference, "how many left", "how many more"
- **Multiplication (×):** Use when finding total of equal groups, "each", "times", repeated addition
- **Division (÷):** Use when sharing equally, making groups, splitting, "divide", "each group gets"

Tip: Look for keywords. Sometimes you need to use more than one operation!

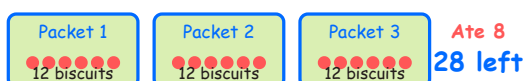
Sample Problem with Visual

Problem: Riya bought 3 packets of biscuits with 12 biscuits in each packet. She ate 8 biscuits. How many biscuits are left?

$$3 \text{ packets} \times 12 \text{ biscuits} - 8 \text{ eaten} = ?$$



Visual: 3 packets of 12 biscuits



Solution:

Step 1: $3 \times 12 = 36$ biscuits

Step 2: $36 - 8 = 28$

Answer: 28 biscuits left

Keywords: "each packet" = multiply, "ate" = subtract

Part A: Warm-up (Easy) - 5 Questions

Q1. Rohan had 45 marbles. His friend gave him 32 more marbles. How many marbles does Rohan have now?

Q2. There were 68 birds sitting on a tree. 25 birds flew away. How many birds are still on the tree?

A) 43 birds

B) 45 birds

C) 93 birds

D) 42 birds

Q3. A shopkeeper has 7 boxes of chocolates. Each box has 8 chocolates. How many chocolates are there in total?

7 boxes with 8 chocolates each = ?

$$\boxed{8} \quad \boxed{8} \quad \boxed{8} \quad \dots \quad \boxed{8} = ?$$

Q4. Priya has 24 flowers. She wants to make 6 equal garlands. How many flowers will be in each garland?

Q5. A baker made 50 cupcakes. He sold 18 cupcakes in the morning. How many cupcakes does he have left?

Part B: Practice (Medium) - 8 Questions

Q6. In a library, there are 126 Hindi books, 98 English books, and 75 Marathi books. How many books are there in total?

Q7. A water tank had 250 liters of water. 135 liters were used for washing clothes. How much water is left in the tank?

A) 115 liters

B) 125 liters

C) 105 liters

D) 385 liters

Q8. A school bus makes 12 trips every day. Each trip carries 28 students. How many students travel by bus in one day?

12 trips with 28 students each = ?

<div style="border: 1px solid black; padding: 2px; display: inline-block;"> per trip 28 students </div>	×	12 trips	=	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> ? students </div>
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Q9. A farmer harvested 144 mangoes. He wants to pack them equally in 12 baskets. How many mangoes will each basket have?

Q10. Meera bought 5 notebooks. Each notebook costs ₹15. She gave the shopkeeper ₹100. How much change did she get back?

Q11. There are 36 students in Class 3A and 42 students in Class 3B. The school wants to divide all students equally into 6 groups for sports. How many students will be in each group?

Class 3A + Class 3B, then divide into 6 groups

Class 3A 36	+	Class 3B 42	=	Total ?	÷ 6
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6 equal groups with ? students each

Q12. Ravi had 85 rupees. He spent 47 rupees on a toy car. How much money does he have left?

Q13. A juice shop sold 156 glasses of mango juice and 234 glasses of orange juice in one day. How many glasses of juice did they sell in total?

Part C: Challenge (Hard) - 3 Questions

Q14. A school organized a picnic. There are 8 buses and each bus can carry 45 students. If 324 students have already boarded the buses, how many more students can still get on the buses?

$$8 \text{ buses} \times 45 \text{ capacity} - 324 \text{ boarded} = ?$$

Step 1: Multiply

$$8 \times 45 = ?$$

Total capacity



Step 2: Subtract

$$? - 324 = ?$$

More students

8 buses with 45 students capacity each



Q15. Amma made 96 laddoos for a festival. She kept 12 laddoos for home and distributed the rest equally to 7 neighbors. How many laddoos did each neighbor get?

A) 10 laddoos

B) 11 laddoos

C) 12 laddoos

D) 14 laddoos

Q16. A fruit vendor had 245 apples. He sold 128 apples in the morning. In the afternoon, a customer bought 9 bags with 8 apples in each bag. How many apples does the vendor have left now?

$$245 - 128 - (9 \times 8) = ?$$

Step 1

$$245 - 128$$

$$= 117$$



Step 2

$$9 \times 8$$

$$= 72$$



Step 3

$$117 - 72$$

$$= ?$$

Tracking the apples

Started with
245

After morning
117

Sold (9×8)
72

Left
?

Answer Key

Q1: 77 marbles **Addition**

Q2: A) 43 birds **Subtraction**

Q3: 56 chocolates **Multiplication**

Q4: 4 flowers **Division**

Q5: 32 cupcakes **Subtraction**

Q6: 299 books **Addition**

Q7: A) 115 liters **Subtraction**

Q8: 336 students **Multiplication**

Q9: 12 mangoes **Division**

Q10: B) ₹25 **Mixed** ($5 \times 15 = 75$, $100 - 75 = 25$)

Q11: 13 students **Mixed** ($36 + 42 = 78$, $78 \div 6 = 13$)

Q12: 38 rupees **Subtraction**

Q13: 390 glasses **Addition**

Q14: 36 students **Mixed** ($8 \times 45 = 360$, $360 - 324 = 36$)

Q15: C) 12 laddoos **Mixed** ($96 - 12 = 84$, $84 \div 7 = 12$)

Q16: 45 apples **Mixed** ($245 - 128 = 117$, $9 \times 8 = 72$, $117 - 72 = 45$)

Scoring Guide

Score Range

Performance & Next Steps

14-16 correct

☆☆☆ Excellent! You know when to use each operation. Try harder multi-step problems.

11-13 correct

☆☆ Very Good! Review Part C questions. Practice identifying keywords: "each" = multiply, "left" = subtract, "total" = add, "equally" = divide.

7-10 correct

★ Good Start! Focus on: 1) Underline keywords in questions, 2) Decide which operation first, 3) Write the calculation clearly.

Below 7

💪 Keep Practicing! Review one operation at a time. Make a list of keywords for each operation. Practice simpler word problems first.

Total Questions: 16 | Your Score: ____ / 16

💡 **Pro Tips:** Look for keywords! "Total/altogether" = add, "Left/remaining" = subtract, "Each/times" = multiply, "Share/divide" = divide.

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