

# 4th Grade Division Word Problems (with Remainders) - Answer Key

4th Grade - division word problems, including interpreting remainders | 20 minutes

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**Read each problem. Divide, then write the answer with its label. Decide what to do with any remainder.**

Example: 26 kids, 4 per car:  $26 / 4 = 6 \text{ R}2$ , so 7 cars are needed (round up).

1. There are 84 students split evenly into 6 teams. How many on each team?

**Answer:  $84 / 6 = 14$  students**

2. A baker has 50 rolls and packs them in bags of 8. How many full bags?

**Answer:  $50 / 8 = 6 \text{ R}2$ , so 6 full bags (2 rolls left over)**

3. 29 children need vans that hold 6 each. How many vans are needed?

**Answer:  $29 / 6 = 4 \text{ R}5$ , so 5 vans (round up)**

4. 96 markers are shared equally among 8 students. How many each?

**Answer:  $96 / 8 = 12$  markers**

5. There are 75 apples placed in baskets of 9. How many are left over?

**Answer:  $75 / 9 = 8 \text{ R}3$ , so 3 apples are left over**

6. A rope 72 feet long is cut into 4 equal pieces. How long is each piece?

**Answer:  $72 / 4 = 18$  feet**

## Challenge

7. 138 books go on shelves that hold 25 each. How many shelves are needed?

**Answer:  $138 / 25 = 5 \text{ R}13$ , so 6 shelves (round up)**

8. Why doesn't every division answer use the remainder the same way?

**Answer: It depends on the question - sometimes round up, sometimes drop it, sometimes the remainder is the answer.**