



Long Division with Multi-Digit Divisors

Name: _____

Date: _____

Grade: Grade 5

Part A: Multiple Choice

Circle the best answer for each question.

1. 37 students need vans that hold 8 students each. How many vans are needed?

- A) 4 vans
- B) 5 vans
- C) 4 R 5 vans
- D) 8 vans

2. A baker has 50 cookies and packs them in boxes of 6. How many full boxes does she fill?

- A) 6 boxes
- B) 7 boxes
- C) 8 boxes
- D) 9 boxes

3. Mrs. Lee shares 95 pencils equally among 7 students. How many pencils does each student get if leftovers stay in the box?

- A) 12 pencils
- B) 13 pencils
- C) 14 pencils
- D) 15 pencils

4. A bus holds 24 riders. The school needs to transport 150 students. How many buses are required?

- A) 6 buses
- B) 7 buses
- C) 5 buses
- D) 6 R 6 buses

Part B: Fill in the Blank

Write the correct answer on each line.

1. When $37 \div 8 = 4 \text{ R } 5$ and every leftover student still needs a van, the answer must be rounded _____.
2. When $50 \div 6 = 8 \text{ R } 2$ and you only count fully packed boxes, you _____ the remainder.
3. When $95 \div 7 = 13 \text{ R } 4$ and each student keeps the whole-number share, the remainder stays as a _____ amount.
4. When $150 \div 24 = 6 \text{ R } 6$ and every rider must be seated, you must _____ up to 7 buses.
5. Choosing what to do with the remainder depends on how the real-world situation asks you to _____ it.

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Part B: Fill in the Blank

Write the correct answer on each line.

1. When $37 \div 8 = 4 \text{ R } 5$ and every leftover student still needs a van, the answer must be rounded up.
2. When $50 \div 6 = 8 \text{ R } 2$ and you only count fully packed boxes, you drop the remainder.
3. When $95 \div 7 = 13 \text{ R } 4$ and each student keeps the whole-number share, the remainder stays as a leftover amount.
4. When $150 \div 24 = 6 \text{ R } 6$ and every rider must be seated, you must round up to 7 buses.
5. Choosing what to do with the remainder depends on how the real-world situation asks you to interpret it.