



Long Division with Multi-Digit Divisors

Name: _____

Date: _____

Grade: Grade 5

Part A: Multiple Choice

Circle the best answer for each question.

1. A bakery has 792 cookies and packs them into boxes of 24. How many full boxes can the bakery fill?

- A) 33 boxes
- B) 34 boxes
- C) 32 boxes
- D) 30 boxes

2. A school orders 875 pencils to share equally among 25 classrooms. How many pencils does each classroom get?

- A) 35 pencils
- B) 30 pencils
- C) 40 pencils
- D) 45 pencils

3. A bus carries 36 students. If 720 students must travel, how many buses are needed?

- A) 20 buses
- B) 21 buses
- C) 19 buses
- D) 22 buses

4. A teacher has 365 markers to share among 16 students as evenly as possible. How many markers does each student get, with how many left over?

- A) 22 markers, 13 left over
- B) 22 markers, 12 left over
- C) 23 markers, 0 left over
- D) 21 markers, 29 left over

Part B: Fill in the Blank

Write the correct answer on each line.

1. A farmer has 504 apples to pack into crates of 18. The farmer can fill exactly _____ crates.

2. If 458 students need to ride buses that hold 32 each, the school needs _____ buses (round up because every student must ride).

3. A baker makes 600 muffins and packs them in trays of 24. The number of full trays is _____.

4. A library has 845 books to share equally on 25 shelves. Each shelf holds _____ books, with 20 left over.

5. A factory produces 936 toys in 24 hours, making the same number each hour. The factory makes _____ toys per hour.

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Part B: Fill in the Blank

Write the correct answer on each line.

1. A farmer has 504 apples to pack into crates of 18. The farmer can fill exactly 28 crates.

2. If 458 students need to ride buses that hold 32 each, the school needs 15 buses (round up because every student must ride).

3. A baker makes 600 muffins and packs them in trays of 24. The number of full trays is 25.

4. A library has 845 books to share equally on 25 shelves. Each shelf holds 33 books, with 20 left over.

5. A factory produces 936 toys in 24 hours, making the same number each hour. The factory makes 39 toys per hour.