

Unit 4: Wrapping Up Multiplication and Division with Multi-digit Numbers

PRACTICE · SET 3

Name: _____ Date: _____

Solve each problem using the standard algorithm. Show your work on scratch paper and write only the final answer.

1. A dumpling stall folds 486 dumplings each day. How many dumplings does the stall fold in 37 days?

Answer: _____

3. A bead factory has 3,978 glass beads. The beads are split evenly into 34 jars. How many beads go in each jar?

Answer: _____

5. A stadium has 214 rows. Each row has 356 seats. How many seats does the stadium have?

Answer: _____

7. A ferry carries 26 passengers on each trip. How many trips does it take to carry 1,144 passengers, if every trip is full?

Answer: _____

9. A school orders 48 crates of oranges. Each crate holds 605 oranges. How many oranges are in the order?

Answer: _____

2. A recycling truck picks up 1,275 cans at each stop. It makes 24 stops. How many cans does it pick up in all?

Answer: _____

4. There are 5,624 trading cards. They are packed 43 to a pack. How many full packs are made, and how many cards are left over? Write your answer as a number with R and the remainder.

Answer: _____

6. A skate shop gets 28 boxes of wheels with 45 wheels in each box. The shop puts all the wheels into bags of 15. How many bags does the shop fill?

Answer: _____

8. A number multiplied by 46 gives 12,742. What is the number?

Answer: _____

10. An aquarium tank holds 8,181 liters of water. A pump moves 27 liters each minute. How many minutes does it take the pump to move all the water?

Answer: _____

11. A comic shop sells 208 comics each week for 34 weeks. Then 1,150 of those comics are returned. How many comics were kept by customers?

Answer: _____

12. A robotics club has 4,000 screws. The screws are placed in trays that each hold 36 screws. After every tray is filled, how many screws are left over?

Answer: _____