

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

ADVANCED • SET 4

Name: _____ Date: _____

Show your work for each problem and write your final answer as a number (include the remainder as R when asked).

1. Use the standard algorithm to find 486×307 .

Answer: _____

3. A cargo plane is loaded with 46 crates. Each crate weighs 385 kg. The crates are then shared equally onto 35 trucks. How many kilograms does each truck carry?

Answer: _____

5. 4,268 fans are going to a game. Each bus holds 52 fans. Every fan must get a seat. How many buses are needed?

Answer: _____

7. Find 372×45 . Then find 189×88 . How much bigger is the first product than the second?

Answer: _____

9. A printer prints 1,248 pages in 24 minutes at a steady rate. How many pages does it print in 90 minutes?

Answer: _____

11. 6,912 beads are put into bracelets. Each bracelet uses 48 beads. How many bracelets are made?

Answer: _____

2. Divide 7,345 by 28. Write your answer with the remainder.

Answer: _____

4. A mystery number n makes this true: $n \times 64 = 24,512$. What is n ?

Answer: _____

6. Use the standard algorithm to find 705×408 .

Answer: _____

8. Divide 5,904 by 37. What is the remainder only?

Answer: _____

10. A bakery sells 58 muffins on each of 46 days in spring, and 58 muffins on each of 54 days in summer. How many muffins is that in all?

Answer: _____

12. Is the product 47×306 greater than 14,500? Answer yes or no.

Answer: _____