

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

PRACTICE · SET 4

Name: _____ Date: _____

Solve each problem using the standard algorithm. Show your work on scratch paper and write one number for each answer (use "r" for a remainder only when the problem asks for it).

1. A craft club is making friendship bracelets. Each bracelet uses 68 beads, and the club makes 47 bracelets. How many beads do they use in all?

Answer: _____

3. A stadium section has 1,208 seats. There are 36 sections just like it. How many seats is that altogether?

Answer: _____

5. A game company has 5,000 dice. They put 32 dice in each game box. After filling as many boxes as possible, how many dice are left over?

Answer: _____

7. A school orders 18 boxes of markers with 125 markers in each box. The art room takes 1,875 of the markers. How many markers are left?

Answer: _____

9. A number multiplied by 46 equals 8,142. What is the number?

Answer: _____

2. A ferry carries 236 passengers on each trip. It makes 54 trips this month. How many passengers does it carry this month?

Answer: _____

4. A bakery packed 4,536 dumplings into trays with 24 dumplings on each tray. How many trays did they fill?

Answer: _____

6. A garden center has 2,150 sunflower seeds. Each packet holds 45 seeds. How many packets are needed so that every seed is packed?

Answer: _____

8. A delivery truck carries 3,780 kilograms of rice split evenly among 28 crates. What is the total mass, in kilograms, of 5 of those crates?

Answer: _____

10. A climbing gym sold 305 day passes for \$24 each. A skate park sold 148 day passes for \$50 each. How many more dollars did the skate park take in?

Answer: _____

11. A beekeeper collected 8,151 grams of honey and poured it evenly into 33 jars. How many grams of honey are in each jar?

Answer: _____

12. A library is moving 6,205 books onto shelves that hold 18 books each. Write the quotient and remainder for $6,205 \div 18$.

Answer: _____