

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

CONCEPT · SET 2

Name: _____ Date: _____

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

1. A kite shop winds 213 cm of string onto each kite spool. How many centimeters of string are needed for 4 spools? Use the standard algorithm: $213 \times 4 = ?$

Answer: _____

3. One aquarium tank holds 156 liters of water. The pet store fills 3 tanks of that same size. How many liters of water is that altogether? Use the standard algorithm: $156 \times 3 = ?$

Answer: _____

5. A tram ride costs 12 cents per rider in tokens. On Saturday the tram collected 1,260 cents in tokens. How many riders paid? Divide: $1,260 \div 12 = ?$

Answer: _____

7. A shelter has 1,450 grams of birdseed. Each feeder takes 20 grams. Write the answer as a quotient with a remainder: $1,450 \div 20 = ?$

Answer: _____

9. A comic printer runs 1,204 pages through the machine each hour. How many pages does it print in 3 hours? Use the standard algorithm: $1,204 \times 3 = ?$

Answer: _____

2. A pottery class fires 24 clay bowls in each kiln load. The kiln is loaded 13 times this month. How many bowls are fired in all? Use the standard algorithm: $24 \times 13 = ?$

Answer: _____

4. A marching band stands in 21 rows with 32 players in each row. How many players are in the band? Use the standard algorithm: $32 \times 21 = ?$

Answer: _____

6. A bike shop packs 2,400 spokes into boxes. Each box holds 16 spokes. How many boxes are filled exactly? Divide: $2,400 \div 16 = ?$

Answer: _____

8. A climbing gym has 450 meters of rope cut into pieces 15 meters long. How many pieces are there? Divide: $450 \div 15 = ?$

Answer: _____

10. A greenhouse has 50 trays. Each tray holds 36 seedlings. How many seedlings are in the greenhouse? Use the standard algorithm: $36 \times 50 = ?$

Answer: _____

11. A dog shelter uses 3,168 grams of kibble over 11 days, using the same amount each day. How many grams are used each day? Divide: $3,168 \div 11 = ?$

Answer: _____

12. A sticker factory puts 25 stickers on every sheet. One order used 875 stickers with none left over. How many sheets were in the order? Find the missing factor: $25 \times ? = 875$

Answer: _____