

Unit 1: Introducing Multiplication

ADVANCED · SET 3

Name: _____ Date: _____

Solve each problem and write your answer on the line. Show your thinking on scratch paper — every answer is one number.

1. In a picture graph about a beach clean-up, each shell picture stands for 6 shells. Maya's row has 7 shell pictures. Ravi's row has 4 shell pictures. How many MORE shells did Maya collect than Ravi?

Answer: _____

3. On a bar graph, every grid line stands for the same number of books. The Tuesday bar reaches 5 grid lines and shows 45 books. How many books does a bar that reaches 7 grid lines show?

Answer: _____

5. A café has 9 tables, and every table has the same number of chairs. Altogether there are 63 chairs. The owner adds 4 more tables with the same number of chairs each. How many chairs are there now?

Answer: _____

7. Ana has 3 bags with 7 marbles in each bag. She also has 4 bags with 5 marbles in each bag. How many marbles does Ana have altogether?

Answer: _____

9. On a can-drive bar graph, each unit on the scale stands for 5 cans. The Grade 3 bar is 12 units tall and the Grade 4 bar is 9 units tall. How many cans did the two grades collect in all?

Answer: _____

2. A baker puts 8 muffins in each box. She completely fills 9 boxes and still has 5 muffins left on the tray. How many muffins did she bake in all?

Answer: _____

4. Each baking tray holds 6 rows of 4 cupcakes. Mr. Diaz fills 3 trays. How many cupcakes is that in all?

Answer: _____

6. In a reading picture graph, each whole book picture stands for 10 books and a half book picture stands for 5 books. Room A's row has 4 whole book pictures and 1 half book picture. How many books did Room A read?

Answer: _____

8. Sam has 6 stickers. Nina has 4 times as many stickers as Sam. How many stickers do Sam and Nina have together?

Answer: _____

10. A crate holds 4 rows of 6 juice bottles. A store gets 5 full crates and then sells 37 bottles. How many bottles are left?

Answer: _____

11. Zoo tickets cost 8 dollars each. A family buys 7 tickets and pays with three 20-dollar bills. How many dollars change do they get back?

Answer: _____

12. A vote picture graph uses 1 star to stand for 3 votes, and the pizza row has 9 stars. The class redraws the graph so that 1 star stands for 9 votes. How many stars will the pizza row have now?

Answer: _____