Interpreting Remainders in Word Problems - ANSWER KEY

Grade 4 | Deciding what a remainder means in a division story | Version 9 of 10

Divide. Then decide what the remainder means: do you need one more group, count only the full groups, or is the answer the remainder? Include the unit.

1. 87 stickers are shared equally among 8 friends, and each friend gets as many as possible. How many stickers are left over?

Division: **87 ÷ 8 = 10 R7** Answer: **7 stickers**

2. A baker has 13 muffins. She packs 3 muffins in each box. How many boxes can she fill completely?

Division: **13 ÷ 3 = 4 R1** Answer: **4 boxes**

3. 40 students are going on a field trip. Each van holds 7 students. How many vans are needed so every student has a seat?

Division: **40 ÷ 7 = 5 R5** Answer: **6 vans**

4. The art club has 95 beads. Each bracelet uses 8 beads. How many whole bracelets can the club make?

Division: **95 ÷ 8 = 11 R7** Answer: **11 bracelets**

5. There are 39 books to put away. Each shelf holds 6 books. How many shelves are needed to hold all of the books?

Division: **39 ÷ 6 = 6 R3** Answer: **7 shelves**

6. Mia has 94 marbles. She puts 9 marbles in each bag until she cannot fill another bag. How many marbles are left over?

Division: **94 ÷ 9 = 10 R4** Answer: **4 marbles**

7. Leo has 38 inches of ribbon. He cuts pieces that are each 3 inches long. How many full pieces can he cut?

Division: **38 ÷ 3 = 12 R2** Answer: **12 pieces**

8. 14 people are coming to a picnic. Each table seats 3 people. How many tables are needed so everyone can sit down?

Division: **14 ÷ 3 = 4 R2** Answer: **5 tables**