Interpreting Remainders in Word Problems - ANSWER KEY

Grade 4 | Deciding what a remainder means in a division story | Version 10 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. Mia has 51 marbles. She puts 8 marbles in each bag until she cannot fill another bag. How many marbles are left over?

Division: **51 ÷ 8 = 6 R3** Answer: **3 marbles**

2. 62 people are coming to a picnic. Each table seats 7 people. How many tables are needed so everyone can sit down?

Division: **62 ÷ 7 = 8 R6** Answer: **9 tables**

3. 43 stickers are shared equally among 8 friends, and each friend gets as many as possible. How many stickers are left over?

Division: **43 ÷ 8 = 5 R3** Answer: **3 stickers**

4. A baker has 46 muffins. She packs 8 muffins in each box. How many boxes can she fill completely?

Division: **46 ÷ 8 = 5 R6** Answer: **5 boxes**

5. Leo has 44 inches of ribbon. He cuts pieces that are each 5 inches long. How many full pieces can he cut?

Division: **44 ÷ 5 = 8 R4** Answer: **8 pieces**

6. 33 students are going on a field trip. Each van holds 4 students. How many vans are needed so every student has a seat?

Division: **33 ÷ 4 = 8 R1** Answer: **9 vans**

7. There are 50 books to put away. Each shelf holds 4 books. How many shelves are needed to hold all of the books?

Division: **50 ÷ 4 = 12 R2** Answer: **13 shelves**

8. The art club has 19 beads. Each bracelet uses 3 beads. How many whole bracelets can the club make?

Division: **19 ÷ 3 = 6 R1** Answer: **6 bracelets**