Name: _____ Date: _____

Interpreting Remainders in Word Problems

Grade 4 | Deciding what a remainder means in a division story | Version 3 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. 34 stickers are shared equally among 3 friends, and each friend gets as many as possible. How many stickers are left over?

Division: _____ Answer: _____

2. 93 students are going on a field trip. Each van holds 9 students. How many vans are needed so every student has a seat?

Division: _____ Answer: _____

3. The art club has 57 beads. Each bracelet uses 6 beads. How many whole bracelets can the club make?

Division: _____ Answer: _____

4. 32 people are coming to a picnic. Each table seats 3 people. How many tables are needed so everyone can sit down?

Division: _____ Answer: _____

5. Mia has 82 marbles. She puts 8 marbles in each bag until she cannot fill another bag. How many marbles are left over?

Division: _____ Answer: _____

6. A baker has 72 muffins. She packs 7 muffins in each box. How many boxes can she fill completely?

Division: _____ Answer: _____

7. There are 62 books to put away. Each shelf holds 6 books. How many shelves are needed to hold all of the books?

Division: _____ Answer: _____

8. Leo has 53 inches of ribbon. He cuts pieces that are each 6 inches long. How many full pieces can he cut?

Division: _____ Answer: _____

Interpreting Remainders in Word Problems - ANSWER KEY

Grade 4 | Deciding what a remainder means in a division story | Version 3 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. 34 stickers are shared equally among 3 friends, and each friend gets as many as possible. How many stickers are left over?

Division: **34 ÷ 3 = 11 R1** Answer: **1 sticker**

2. 93 students are going on a field trip. Each van holds 9 students. How many vans are needed so every student has a seat?

Division: **93 ÷ 9 = 10 R3** Answer: **11 vans**

3. The art club has 57 beads. Each bracelet uses 6 beads. How many whole bracelets can the club make?

Division: **57 ÷ 6 = 9 R3** Answer: **9 bracelets**

4. 32 people are coming to a picnic. Each table seats 3 people. How many tables are needed so everyone can sit down?

Division: **32 ÷ 3 = 10 R2** Answer: **11 tables**

5. Mia has 82 marbles. She puts 8 marbles in each bag until she cannot fill another bag. How many marbles are left over?

Division: **82 ÷ 8 = 10 R2** Answer: **2 marbles**

6. A baker has 72 muffins. She packs 7 muffins in each box. How many boxes can she fill completely?

Division: **72 ÷ 7 = 10 R2** Answer: **10 boxes**

7. There are 62 books to put away. Each shelf holds 6 books. How many shelves are needed to hold all of the books?

Division: **62 ÷ 6 = 10 R2** Answer: **11 shelves**

8. Leo has 53 inches of ribbon. He cuts pieces that are each 6 inches long. How many full pieces can he cut?

Division: **53 ÷ 6 = 8 R5** Answer: **8 pieces**