Name: _____ Date: _____

Interpreting Remainders in Word Problems

Grade 4 | Deciding what a remainder means in a division story | Version 1 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. Leo has 20 inches of ribbon. He cuts pieces that are each 3 inches long. How many full pieces can he cut?

Division: _____ Answer: _____

2. 67 students are going on a field trip. Each van holds 7 students. How many vans are needed so every student has a seat?

Division: _____ Answer: _____

3. A baker has 47 muffins. She packs 7 muffins in each box. How many boxes can she fill completely?

Division: _____ Answer: _____

4. Mia has 31 marbles. She puts 3 marbles in each bag until she cannot fill another bag. How many marbles are left over?

Division: _____ Answer: _____

5. There are 36 books to put away. Each shelf holds 5 books. How many shelves are needed to hold all of the books?

Division: _____ Answer: _____

6. The art club has 51 beads. Each bracelet uses 9 beads. How many whole bracelets can the club make?

Division: _____ Answer: _____

7. 52 stickers are shared equally among 8 friends, and each friend gets as many as possible. How many stickers are left over?

Division: _____ Answer: _____

8. 41 people are coming to a picnic. Each table seats 7 people. How many tables are needed so everyone can sit down?

Division: _____ Answer: _____

Name: _____ Date: _____

Interpreting Remainders in Word Problems

Grade 4 | Deciding what a remainder means in a division story | Version 2 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. The art club has 35 beads. Each bracelet uses 3 beads. How many whole bracelets can the club make?

Division: _____ Answer: _____

2. 33 students are going on a field trip. Each van holds 6 students. How many vans are needed so every student has a seat?

Division: _____ Answer: _____

3. Mia has 39 marbles. She puts 4 marbles in each bag until she cannot fill another bag. How many marbles are left over?

Division: _____ Answer: _____

4. 70 people are coming to a picnic. Each table seats 6 people. How many tables are needed so everyone can sit down?

Division: _____ Answer: _____

5. Leo has 33 inches of ribbon. He cuts pieces that are each 6 inches long. How many full pieces can he cut?

Division: _____ Answer: _____

6. There are 66 books to put away. Each shelf holds 7 books. How many shelves are needed to hold all of the books?

Division: _____ Answer: _____

7. 16 stickers are shared equally among 3 friends, and each friend gets as many as possible. How many stickers are left over?

Division: _____ Answer: _____

8. A baker has 51 muffins. She packs 6 muffins in each box. How many boxes can she fill completely?

Division: _____ Answer: _____

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: _____

Name: _____ Date: _____

Interpreting Remainders in Word Problems

Grade 4 | Deciding what a remainder means in a division story | Version 4 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. Leo has 38 inches of ribbon. He cuts pieces that are each 6 inches long. How many full pieces can he cut?

Division: _____ Answer: _____

2. A baker has 30 muffins. She packs 9 muffins in each box. How many boxes can she fill completely?

Division: _____ Answer: _____

3. There are 48 books to put away. Each shelf holds 9 books. How many shelves are needed to hold all of the books?

Division: _____ Answer: _____

4. Mia has 25 marbles. She puts 8 marbles in each bag until she cannot fill another bag. How many marbles are left over?

Division: _____ Answer: _____

5. 61 people are coming to a picnic. Each table seats 5 people. How many tables are needed so everyone can sit down?

Division: _____ Answer: _____

6. The art club has 31 beads. Each bracelet uses 8 beads. How many whole bracelets can the club make?

Division: _____ Answer: _____

7. 23 stickers are shared equally among 5 friends, and each friend gets as many as possible. How many stickers are left over?

Division: _____ Answer: _____

8. 56 students are going on a field trip. Each van holds 6 students. How many vans are needed so every student has a seat?

Division: _____ Answer: _____

Name: _____ Date: _____

Interpreting Remainders in Word Problems

Grade 4 | Deciding what a remainder means in a division story | Version 5 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. 33 stickers are shared equally among 4 friends, and each friend gets as many as possible. How many stickers are left over?

Division: _____ Answer: _____

2. Leo has 62 inches of ribbon. He cuts pieces that are each 5 inches long. How many full pieces can he cut?

Division: _____ Answer: _____

3. The art club has 75 beads. Each bracelet uses 8 beads. How many whole bracelets can the club make?

Division: _____ Answer: _____

4. 34 students are going on a field trip. Each van holds 3 students. How many vans are needed so every student has a seat?

Division: _____ Answer: _____

5. 17 people are coming to a picnic. Each table seats 5 people. How many tables are needed so everyone can sit down?

Division: _____ Answer: _____

6. Mia has 38 marbles. She puts 3 marbles in each bag until she cannot fill another bag. How many marbles are left over?

Division: _____ Answer: _____

7. A baker has 25 muffins. She packs 3 muffins in each box. How many boxes can she fill completely?

Division: _____ Answer: _____

8. There are 31 books to put away. Each shelf holds 3 books. How many shelves are needed to hold all of the books?

Division: _____ Answer: _____

Name: _____ Date: _____

Interpreting Remainders in Word Problems

Grade 4 | Deciding what a remainder means in a division story | Version 6 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. Leo has 50 inches of ribbon. He cuts pieces that are each 4 inches long. How many full pieces can he cut?

Division: _____ Answer: _____

2. 41 people are coming to a picnic. Each table seats 4 people. How many tables are needed so everyone can sit down?

Division: _____ Answer: _____

3. 38 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: _____

4. A baker has 48 muffins. She packs 5 muffins in each box. How many boxes can she fill completely?

Division: _____ Answer: _____

5. 101 stickers are shared equally among 9 friends, and each friend gets as many as possible. How many stickers are left over?

Division: _____ Answer: _____

6. Mia has 70 marbles. She puts 8 marbles in each bag until she cannot fill another bag. How many marbles are left over?

Division: _____ Answer: _____

7. There are 35 books to put away. Each shelf holds 3 books. How many shelves are needed to hold all of the books?

Division: _____ Answer: _____

8. The art club has 22 beads. Each bracelet uses 7 beads. How many whole bracelets can the club make?

Division: _____ Answer: _____

Name: _____ Date: _____

Interpreting Remainders in Word Problems

Grade 4 | Deciding what a remainder means in a division story | Version 7 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. There are 73 books to put away. Each shelf holds 6 books. How many shelves are needed to hold all of the books?

Division: _____ Answer: _____

2. 23 people are coming to a picnic. Each table seats 5 people. How many tables are needed so everyone can sit down?

Division: _____ Answer: _____

3. Mia has 29 marbles. She puts 5 marbles in each bag until she cannot fill another bag. How many marbles are left over?

Division: _____ Answer: _____

4. Leo has 62 inches of ribbon. He cuts pieces that are each 7 inches long. How many full pieces can he cut?

Division: _____ Answer: _____

5. 33 stickers are shared equally among 7 friends, and each friend gets as many as possible. How many stickers are left over?

Division: _____ Answer: _____

6. A baker has 60 muffins. She packs 9 muffins in each box. How many boxes can she fill completely?

Division: _____ Answer: _____

7. 47 students are going on a field trip. Each van holds 6 students. How many vans are needed so every student has a seat?

Division: _____ Answer: _____

8. The art club has 44 beads. Each bracelet uses 5 beads. How many whole bracelets can the club make?

Division: _____ Answer: _____

Name: _____ Date: _____

Interpreting Remainders in Word Problems

Grade 4 | Deciding what a remainder means in a division story | Version 8 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. 37 people are coming to a picnic. Each table seats 8 people. How many tables are needed so everyone can sit down?

Division: _____ Answer: _____

2. 27 stickers are shared equally among 4 friends, and each friend gets as many as possible. How many stickers are left over?

Division: _____ Answer: _____

3. 46 students are going on a field trip. Each van holds 8 students. How many vans are needed so every student has a seat?

Division: _____ Answer: _____

4. There are 57 books to put away. Each shelf holds 9 books. How many shelves are needed to hold all of the books?

Division: _____ Answer: _____

5. Leo has 35 inches of ribbon. He cuts pieces that are each 9 inches long. How many full pieces can he cut?

Division: _____ Answer: _____

6. A baker has 39 muffins. She packs 7 muffins in each box. How many boxes can she fill completely?

Division: _____ Answer: _____

7. Mia has 64 marbles. She puts 5 marbles in each bag until she cannot fill another bag. How many marbles are left over?

Division: _____ Answer: _____

8. The art club has 68 beads. Each bracelet uses 6 beads. How many whole bracelets can the club make?

Division: _____ Answer: _____

Name: _____ Date: _____

Interpreting Remainders in Word Problems

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: _____ Answer: _____

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

Division: _____ Answer: _____

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: _____ Answer: _____

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

Division: _____ Answer: _____

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: _____ Answer: _____

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: _____ Answer: _____

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

Division: _____ Answer: _____

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

Division: _____ Answer: _____

Name: _____ Date: _____

Interpreting Remainders in Word Problems

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: _____ Answer: _____

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

Division: _____ Answer: _____

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

Division: _____ Answer: _____

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

Division: _____ Answer: _____

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

Division: _____ Answer: _____

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: _____ Answer: _____

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: _____ Answer: _____

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

Division: _____ Answer: _____