

# Field Trip

**Directions:** Solve.


- ① The fourth-grade classes are taking a field trip. There are 102 people going on the trip, and the school is renting vans. Each van can hold 8 people. How many vans does the school need to rent?

- ② How many vans will be completely full?

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- ③ How many people will be in the van that is not full?

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-  For each question, explain what the remainder means.

Question 1: \_\_\_\_\_

Question 2: \_\_\_\_\_

Question 3: \_\_\_\_\_

# Class Assembly

**Directions:** Solve.


- 1 A group of students are going to an assembly. There are 75 students altogether. The auditorium has rows of 9 seats each. How many rows are needed to seat all the students?

- 2 How many rows will be full?

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- 3 How many students will be sitting in the row that is not full?

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 For each question, explain what the remainder means.

Question 1: \_\_\_\_\_

Question 2: \_\_\_\_\_

Question 3: \_\_\_\_\_

# Quick Check

**Directions:** Choose the correct answer.

**1** There are 21 notebooks. The teacher wants to put 2 notebooks in each backpack. How many backpacks will she need?

- (A) 10 backpacks
- (B) 1 backpack
- (C) 11 backpacks
- (D) 12 backpacks

**2** Allen has 30 tickets. Each ride at the fair costs 4 tickets. How many rides can he go on, and how many tickets will he have left over?

- (A) 7 rides; 2 tickets left over
- (B) 8 rides; 0 tickets left over
- (C) 8 rides; 2 tickets left over
- (D) 7 rides; 0 tickets left over

**Directions:** Solve.

**3** Ben has 47 trading cards. He stores them in plastic sleeves. Each sleeve holds 6 cards. How many full sleeves are there?

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**4** How many sleeves does he need to store all his cards?

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**5** How many cards are in the sleeve that is not full?

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Choose a question, 3–5. Explain what the remainder means in the question.

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Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Refocus



**Directions:** Solve.

- 1 Farmer Brown has 39 seeds to plant. He plants 5 seeds in each row. How many rows should he plant if he wants to use all the seeds?

What does the remainder mean in this problem?

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- 2 How many full rows of seeds will there be? \_\_\_\_\_

What does the remainder mean in this problem?

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- 3 How many seeds will be planted in a row that is not full? \_\_\_\_\_

What does the remainder mean in this problem?

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# Independent Practice

**Directions:** Solve.

- 1 Carol needs 40 muffins for the school bake sale. Each muffin tray holds 6 muffins.

How many muffin trays does she need? \_\_\_\_\_

How many muffin trays will be full? \_\_\_\_\_

How many muffins will be on the tray that is not full? \_\_\_\_\_

- 2 The school librarian needs to put 47 books on the shelves. Each shelf holds 7 books.

How many shelves will be full? \_\_\_\_\_

How many shelves will have books on them? \_\_\_\_\_

How many books will be on the shelf that is not full? \_\_\_\_\_

- 3 There are 76 people at the sports banquet. Each table holds 10 people.

How many tables are needed? \_\_\_\_\_

How many tables will be full? \_\_\_\_\_

How many people will be seated at the table that is not full? \_\_\_\_\_



# Bus Debate

The fifth-grade teachers are planning a field trip. There are 5 fifth-grade classes. Including the teacher, each class has 25 people. Each bus fits exactly 62 people. Mrs. Jones says they need 2 buses, and Mr. White says 2 buses are not enough. He says they need 3 buses. Who is correct?



## Unpack the Problem



## Make a Plan



## Solution



## Look Back and Explain



# Reflection

1 What did you do with the remainder when solving the problems?

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2 What is a question you still have about division or remainders?

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