

MY Homework

Lesson 11

Hands On: Use Models to Interpret the Remainder

Homework Helper



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A total of 47 students signed up to play soccer. If there are 4 teams, how many students are on each team?

- 1 Use 47 connecting cubes to represent the students.
Use 4 paper plates to represent the teams.
How many cubes are on each plate? 11
How many cubes are left over? 3

- 2 Interpret the remainder.
There are 4 teams of 11 students. There are 3 students who are left over and will be placed on teams.

So, 3 teams will have 12 students and 1 team will have 11 students.

Practice

1. Jarrod's sports card holder can hold 9 cards on each page.
How many pages will Jarrod need if he has 75 sports cards?
Solve using models. Explain how to interpret the remainder.
Draw your models.

My Drawing!

Solve using models. Explain how to interpret the remainder.

Draw your models.

2. A group of 4 students are selling candy bars to raise money for a field trip. The group needs to sell 53 candy bars. If each student sells an equal amount, how many candy bars do they each sell?

Solve using models. Explain how to interpret the remainder.


Draw your models.

My Drawing!



Problem Solving

For Exercises 3–5, solve using models. Explain how you interpreted the remainder. Draw your models.

3. **Mathematical PRACTICE**  **Model Math** Joel has 59 songs on his MP3 player. He equally divides them in 7 groups. How many songs will be in each group?

4. Lauren's shoe organizer can hold 5 pairs of shoes of each row. How many rows will Lauren need if she has 24 pairs of shoes?

5. Mr. Staley has \$62 to buy binders for his mathematics class. How many binders can he buy at \$3 each?
