

Independent Practice

Solve. Explain how you interpreted the remainder.

2. There are 50 students traveling in vans on a field trip. Each van seats 8 students. How many vans are needed?

3. How many payments of \$10 would it take Samuel to purchase the scooter shown at the right?



4. Mrs. Hodges made 144 muffins for a bake sale. She puts them into tins of 5 muffins each. How many tins of muffins can she make?

5. How many 8-foot sections of fencing are needed for 189 feet of fence?



Problem Solving

Solve Exercises 6–8. Explain how you interpreted the remainder.



6. **Mathematical PRACTICE 2 Reason** Students on the softball team earned \$295 from a car wash. How many team banners can they buy if each banner costs \$8?

7. Valerie has 20 stuffed animals. She wants to store them in plastic bags. She estimates she can fit three stuffed animals in each bag. How many bags will she need?

8. How many 6-ounce cups can be filled from 4 gallons of juice? (*Hint: 1 gallon = 128 ounces*)

My Work!

HOT Problems

9. **Mathematical PRACTICE 1 Make Sense of Problems** If the divisor is 30, what is the least three-digit dividend that would give a remainder of 8? Explain.

10. **? Building on the Essential Question** How can I interpret the remainder?
