Problems to pose to promote Base Ten Number Concepts

Maria has 87 dollars that she wants to use to buy teddy bears for the children’s hospital. If each teddy bear costs 10 dollars, how many teddy bears can she buy?

How many tens are in 57? How many tens are in 243?

If 27 people each donated 100 dollars to Habitat for Humanity, how much money would Habitat for Humanity receive? How much money would they receive if 2,465 people each donated 100 dollars?

The Crystal Clear Company sells water in 10 gallon bottle for water coolers. If they pump 57,000 gallons of water, how many bottles can they fill?

100 people each contributed the same amount to the Cure Cancer Charity. If the total amount that they donated was $32,400, how much did each person donate?

Ray’s pet frog eats 0.1 pound of frog food each day. Ray has 8.35 pounds of frog food. How many days can Ray feed his frog with this food?

How many tenths are in 387.09? How many tens are in 387.09?

See pages151-152 in *Extending Children’s Mathematics* for other questions.