

Name _____

Independent Practice

Divide. Check your answer using multiplication.

4. $5.62 \div 100 =$ _____

5. $18.7 \div 100 =$ _____

6. $6.3 \div 10^3 =$ _____

7. $0.05 \div 1 =$ _____

8. $0.012 \div 10^2 =$ _____

9. $2.46 \div 10^1 =$ _____

10. $8.72 \div 100 =$ _____

11. $98.6 \div 10^2 =$ _____

12. $5.71 \div 1 =$ _____

13. $437 \div 1,000 =$ _____



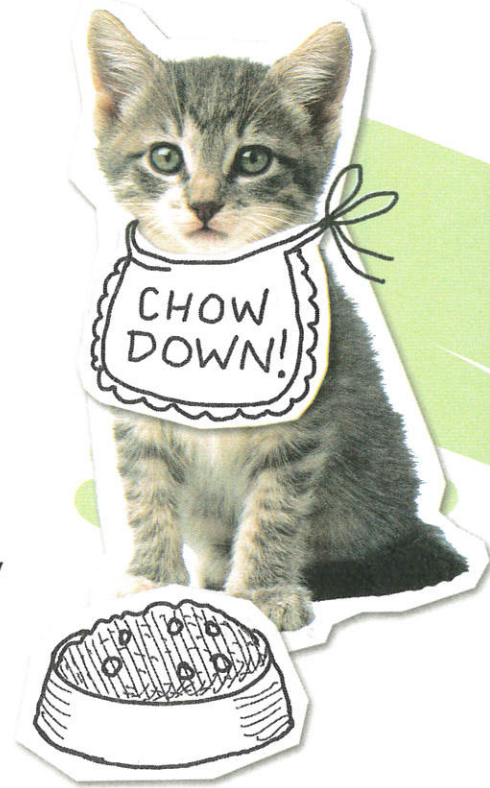
Problem Solving

14. Herbert bought red beans to make chili to sell at a fundraiser. The total price of the red beans was \$13.90. How much did it cost for each can?

Items Purchased	
Item	Quantity
Red beans	10
Shredded cheese	6

15. **Mathematical PRACTICE 4** **Model Math** Sarah was trying to decide what kind of cat food to buy at the store. Smiley Cat costs \$7.90 for 10 pounds. Purr Plus costs \$0.85 per pound. Which brand is the better buy? Explain your reasoning.

16. In Alaska, scientists are studying the melting of glaciers. They found that in the past 10 years, the glaciers receded about 59.05 feet. If the glaciers receded at the same rate each year, how much did they recede in one year?



HOT Problems

17. **Mathematical PRACTICE E** **Which One Doesn't Belong?** Circle the expression that does not belong with the other three. Explain your reasoning.

$6.7 \div 10$
 $4 \div 1,000$
 $0.2 \div 1$
 $52.1 \div 100$

18. **? Building on the Essential Question** Describe the relationship between the number of places a decimal point is moved to the left and the change in the value of the number.
