

MY Homework**Lesson 5****Estimate Quotients****Homework Helper**Need help? connectED.mcgraw-hill.com**Estimate** $488 \div 9$.

- 1** Round the dividend to the nearest hundred.
- 2** Change the divisor to a number that is compatible with the rounded dividend.
- 3** Divide mentally.

$$488 \div 9$$

$$500 \div 9$$

$$500 \div 10 = 50$$

So, $488 \div 9$ is about 50.**Practice****Estimate.** Show how you estimated.

1. $115 \div 2$

2. $791 \div 2$

3. $151 \div 3$

4. $460 \div 9$

5. $477 \div 7$

6. $392 \div 9$



Problem Solving

7. The table shows how much each fifth grade room earned from a bake sale. The money is going to be given to 6 different charities. If each charity is given an equal amount, about how much will each charity receive? Show how you estimated.

Bake Sale	
Room	Earnings(\$)
110.....	327
112.....	425
114.....	550
116.....	486

8. There were 317 marbles divided equally among 8 bowls. About how many marbles were in each bowl?

9. **Mathematical PRACTICE 5 Use Math Tools** Emilio has 5 bags of birdseed. Each bag has about 28 ounces of birdseed. If he divides the birdseed equally into 3 containers, about how much birdseed will he put in each container?

My Work!

Test Practice

10. Which of the following is the most reasonable estimate for the number of Calories in one serving of milk?

- (A) between 8 and 9
- (B) less than 80
- (C) between 80 and 90
- (D) more than 90

Servings of Milk	Calories
5	430