Name _____

Reteaching
5-5

1-Digit Quotients

Find 436 ÷ 53.

To find the answer, first estimate the quotient.

Think: 400 ÷ 50 = 8 or 450 ÷ 50 = 9

Try 9:

9	Write 9 in the ones place.
53)436	Multiply, 9 × 53 = 477.
−477	477 > 436.
	This estimate is too high.

Try 8:

8	Write 8 in the ones place.
53)436	Multiply, 8 × 53 = 424.
−424	Subtract, 436 − 424 = 12.
12	Compare, 12 < 53. Write the remainder in the quotient.

436 ÷ 53 = 8 R12
Check:
8 × 53 = 424
424 + 12 = 436

Complete.

1. 7 R / 32)245

2. ____ R12 / 64)332

3. ____ R / 51)489

Divide. Check by multiplying.

4. 49)216

5. 79)698

6. 25)194

7. Explain how you know the answer to the problem below has an error.

2 R86
77)240
−154
86

_____

_____

Name _____

Practice
5-5

1-Digit Quotients

In **1** through **6**, find each quotient.

1. $37\overline{)120}$

2. $39\overline{)342}$

3. $62\overline{)338}$

4. $42\overline{)284}$

5. $82\overline{)599}$

6. $55\overline{)474}$

7. Solomon has $118. He wants to purchase concert tickets for himself and 5 friends. Each ticket costs $19. Does he have enough money? Explain.

_____

_____

8. Which problem will have the greater quotient, 376.0 ÷ 93 OR 376 ÷ 93.01? Explain how you know.

_____

_____

_____

9. Which is 458 ÷ 73?

A 5 R19 **B** 5 R20 **C** 6 R19 **D** 6 R20

10. A student solves the problem 354 ÷ 24. The student finds an answer of 13 R40. Explain how you can tell that the answer is incorrect just by looking at the remainder.

_____

_____

_____

