

Name _____

LESSON 2.1
Practice and Homework

Divide by 2-Digit Divisors

Go Online

Interactive Examples

Divide. Write the remainder as a fraction. Check your answer.

24. $385 \div 12$

$$\begin{array}{r} 32 \frac{1}{12} \\ 12 \overline{)385} \\ \underline{-36} \\ 25 \\ \underline{-24} \\ 1 \end{array}$$

25. $837 \div 36$

26. $16,504 \div 55$

27. $5,634 \div 18$

28. $28 \overline{)64,512}$

29. $52 \overline{)5,256}$



30. $85 \overline{)1,955}$

31. $46 \overline{)57,624}$

Problem Solving

32. Factory workers make 756 machine parts in 36 hours. Suppose the workers make the same number of machine parts each hour. How many machine parts do they make each hour?

33. One bag holds 12 bolts. Several bags filled with bolts are packed into a box and shipped to the factory. The box contains a total of 2,760 bolts. How many bags of bolts are in the box?

34.  **WRITE**  Choose a problem that you solved in the lesson and solve the same problem using the partial quotients method. Compare the methods to solve the problems. Name the method you like better and explain why.

Lesson Check

35. A bakery packages 868 muffins into 31 boxes. The same number of muffins are put into each box. How many muffins are in each box?
36. Maggie places 89 identical orders for her company. The total cost of the orders is \$10,324. How much is the cost of each order?

Spiral Review

37. What is the standard form of the number two hundred sixteen thousand, ninety?
38. Zahra and 23 friends go roller skating. They pay a total of \$186. About how much does it cost for one person to skate?

39. In two days, Mariposa drinks seven 16-ounce bottles of water. She drinks the water in 4 equal servings. How many ounces of water does Mariposa drink in each serving?
40. What is the value of the underlined digit in 436,788?
