

5-2 Homework

Name _____

Date _____

Divide.

1 $39 \overline{)2,886}$

2 $81 \overline{)7,533}$

3 $68 \overline{)4,967}$

4 $72 \overline{)4,968}$

5 $28 \overline{)2,520}$

6 $33 \overline{)1,287}$

7 $46 \overline{)1,426}$

8 $55 \overline{)990}$

Solve.

Show your work.

- 9 The lunchroom has enough seats for 168 students. Each class has 24 students. How many classes can eat in the lunchroom at the same time?

- 10 Mrs. Randall bought tickets to the art museum for all the fifth-grade students. Each ticket cost \$12, and the total cost of the tickets was \$1,152. How many fifth-grade students are there?

- 11 The Harmony Hotel has a total of 1,596 rooms. There are 42 rooms on each floor. How many floors does the Harmony Hotel have?

- 12 This year Martin earned \$1,615 mowing lawns, shoveling driveways, and doing yardwork. This is 19 times as much as he earned last year. How much did Martin earn last year?

Solve. Use any method.

Show your work.

$$\begin{array}{r} 1 \quad 68 \\ \times 21 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 36 \\ \times 92 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 25 \\ \times 44 \\ \hline \end{array}$$

Complete each division. Check your answer.

$$4 \quad 5 \overline{)1,267}$$

$$5 \quad 3 \overline{)1,374}$$

$$6 \quad 7 \overline{)4,618}$$

- 7 Chloe sorts her beads. The number of red beads she has is $5\frac{5}{6}$ times the number of green beads. If she has 60 green beads, how many red beads does she have?

- 8 Brad plans to bike $15\frac{3}{4}$ miles. He has gone $\frac{2}{3}$ of the entire distance. How far has he gone?

- 9 **Stretch Your Thinking** Write and solve a division problem that divides a 4-digit number by a 2-digit number. How did you estimate the first digit of the quotient?
