

Homework

Solve by any method on a separate sheet of paper.
Then check your answer by rounding and estimating.

1. $3 \overline{)246}$

2. $6 \overline{)75}$

3. $7 \overline{)60}$

4. $3 \overline{)256}$

5. $4 \overline{)805}$

6. $5 \overline{)927}$

7. $4 \overline{)325}$

8. $4 \overline{)378}$

9. $6 \overline{)432}$

10. $5 \overline{)1,838}$

11. $4 \overline{)2,715}$

12. $7 \overline{)3,042}$

Solve.

Show your work.

13. The area of Matt's rectangular bedroom is 96 square feet.
If the room is 8 feet wide, how long is it?

14. The fourth-grade students at Lincoln Elementary School are attending an assembly. There are 7 equal rows of seats in the assembly hall. If there are 392 fourth-grade students, how many students will sit in each row?

15. Pablo is packing books into crates. He has 9 crates. Each crate will contain the same number of books. If he has 234 books, how many books can he put into each crate?

Remembering

Add or subtract.

$$\begin{array}{r} 1. \quad 1,429 \\ + 3,882 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 28,178 \\ - 13,428 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 500,000 \\ - 61,835 \\ \hline \end{array}$$

Sketch an area model for each exercise. Then find the product.

$$4. \quad 27 \times 59 \quad \underline{\hspace{2cm}}$$

$$5. \quad 36 \times 92 \quad \underline{\hspace{2cm}}$$

Solve using any method.

$$6. \quad 9 \overline{)271}$$

$$7. \quad 6 \overline{)2,436}$$

$$8. \quad 4 \overline{)2,139}$$

- 9. Stretch Your Thinking** Katherine is considering two new cell phone plans. She doesn't want to spend more for minutes she won't use. One plan allows up to 250 minutes per month for \$49, and the other plan allows up to 350 minutes per month for \$65. In the last 6 months, she used 1,470 minutes. Use estimating and an exact answer to determine the best cell phone plan for Katherine.
