

Homework

Solve. Write the remainder as a whole number.

1. $7 \overline{)7,012}$

2. $9 \overline{)8,410}$

3. $2 \overline{)7,825}$

4. $5 \overline{)3,512}$

5. $6 \overline{)6,618}$

6. $8 \overline{)7,225}$

Solve. Then explain the meaning of the remainder.

7. Principal Clements wants to buy a pencil for each of the 57 fourth-graders in her school. The pencils come in packages of 6. How many packages does Principal Clements need to buy?

8. Tyler has 71 CDs in his collection. He places the CDs in a book that holds 4 CDs on each page. If Tyler fills each page, how many CDs will be on the last page?

9. Amanda and her family are hiking a trail that is 46 miles long. They plan to hike exactly 7 miles each day. How many days will they hike exactly 7 miles?

10. Cesar makes 123 ounces of trail mix. He puts an equal number of ounces in each of 9 bags. How many ounces of trail mix does Cesar have left over?

Remembering

The table shows the word count for each of five books in a series. Use the table to answer each question. Estimate to check.

1. How many more words are there in Book 2 than in Book 1?

2. What is the difference between the book with the greatest number of words and the book with the least number of words?

Book	Word Count
1	82,647
2	91,313
3	109,842
4	73,450
5	90,216

Solve each multiplication problem using any method. Use rounding and estimation to check your work.

3. 39×52

4. 81×76

5. 18×63

6. 45×91

Solve using any method. Then check your answer by rounding and estimating.

7. $7 \overline{)65}$

8. $3 \overline{)289}$

9. $8 \overline{)5,024}$

10. **Stretch Your Thinking** Write a word problem that is solved by $43 \div 5 = 8 \text{ R}3$, in which the remainder is the only part needed to answer the question.
