

Problem-Solving Decision: Reasonable Answers

Problem For English class, Jennifer needs to read a series of books. She decides to read 15 pages each day. She multiplied by 14 to find how many pages she will read in 2 weeks.

$$\begin{array}{r} 15 \\ \times 14 \\ \hline 60 \\ + 15 \\ \hline 75 \end{array}$$

1. What was Jennifer trying to find by multiplying 15×14 ?

2. Did Jennifer use the correct information and the correct operation? Explain.

3. Is the answer reasonable? Why or why not? If not, give the correct answer.

Problem The teacher assigned the class to read 25 pages a week. Marcus multiplied to find the number of pages the students will read in a year.

$$25 \times 12 = 300 \text{ pages}$$

4. Did Marcus use the correct information and the correct operation? Explain.

5. Is the answer reasonable? Why or why not? If not, give the correct answer.
