

## 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  $15 \times 14$ ?

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

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

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**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.

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

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