

Problem-Solving Decisions: Reasonable Answers

1. To pay his first month's rent, Kevin uses 0.4 of his take-home pay. His take-home pay is \$1,200 each month. Kevin says his rent is \$400. Is Kevin correct?



What does the question ask?

What information do you know?



Which operation do you need to use to find Kevin's rent?



How much is Kevin's rent each month?

Is Kevin correct?

If he is not correct, how much money was he wrong by?



How can you check that your answer is reasonable?

Solve the problem to determine if the answer is reasonable.

2. There are 20 teabags in each box of the tea Fred bought last week. Barbara said she used 0.75 of one of the boxes to make iced tea. There were 5 teabags left. Was Barbara correct?
