

Problem-Solving Strategy:

Guess and Check

Problem Trinity is thinking of two numbers. The product of the two numbers is 36. The sum of the two numbers is 15. What are the two numbers?



1. What do you know?



2. What strategy can you use to help you solve the problem? Explain how.



3. Use the table to make guesses and check your guesses. If you need more workspace, use a separate sheet of paper.

	First Guess	Second Guess	Third Guess
Numbers	____ ____	____ ____	____ ____
Product	____ × ____	____ × ____	____ × ____
Sum	____ + ____	____ + ____	____ + ____

4. What two numbers is Trinity thinking of?



5. How did you choose which numbers to use as your first guess?
