(Score for Question 1: \_\_\_ of 5 points)

1. Simplify the expression . Show your work.

Answer**:**

(Score for Question 2: \_\_\_ of 5 points)

1. Simplify the expression . Show your work.

Answer:

1. The formula  represents the length of the hypotenuse of a right triangle with side lengths *a* and *b*. Solve the equation for *b*. Show your work.

Answer: