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Mathematical Thinking
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Quiz 5

Answer both questions on this paper. Show your work.

1. Isaac walks into a tea shop, where he buys 3 pounds of Oolong tea and 2 pounds of Darjeeling tea for a total of \$53. Albert spends \$47 on 2 pounds of Oolong tea and 3 pounds of Darjeeling tea. What is the price per pound of each kind of tea?

2. Solve $-2|3x - 2| + 5 \leq -11$. Graph the solution on the real number line.