

The profit on the sale of a bicycle at a bike shop is \$35, while the profit on the sale of a tricycle is \$21. The owner is interested in making more than \$210 in profit per day, and expects to sell at most 8 items per day. The system that represents this situation is $b + t \leq 8$ and $35b + 21t > 210$. The graph of the boundary lines is shown below. Which region should be shaded (to form the solution)?

