

A company produces two types of bikes, mountain bikes and road bike. It takes 3 hours to assemble a mountain bike and 4 hours to assemble a road bike. The total time available to assemble bikes is 60 hours. The company wants to sell at least twice as many mountain bikes as road bikes. The company makes a profit of £200 per road bike and £100 per mountain bike. What is the result of the division between the optimal number of mountain and road bikes that should be made to maximize profit?

**Solution**

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Description automatically generated

**Answer**

