

**A Blueberry Pie Stand**

Niam would like to buy his mother a gift for her birthday. The gift costs $20. As he likes to bake, he opens a blueberry pie stand to earn money for the gift.

**Day 1**

5 pies sold at $5.00 each = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_ total revenue (money earned)

Cost of production

Ingredients (blueberries, flour, butter, eggs, sugar) = $10 total cost

Profit (revenue minus cost of production) = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Day 2**

3 pies sold at $5.00 each = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ total revenue (money earned)

Cost of production

Ingredients (blueberries, flour, butter, eggs, sugar) = $10 total cost

Profit (revenue minus cost of production) = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Questions:**

Did Niam reach his goal of $20?

How much profit would Niam make if he sold 6 pies on Day 1 and 4 pies on Day 2?

What if Niam sold 2 pies on Day 1 and 2 pies on Day 2?

Note: Business owners need to earn a profit; otherwise it is not worth their time or energy to stay in business.

 Fun fact: The Blueberry is New Jersey’s state fruit!