Unit 2 Assessment
Study Guide

1. Jack went to the store and purchased 2 pairs of shoes for $36.99 each and a shirt for $14.32.
   How much did his items cost at the store?
   Are these items a **fixed or variable expense?**

2. Sarah paid $489 on her car payment and $1,245 on rent.
   Are these items a **fixed or variable expense?**

3. You open a savings account and the bank pays you interest to keep your savings account there? What will happen to your balance? **Increase, decrease, stay the same?**

4. Cynthia bought items for her lemonade stand. Her items cost $5.15 and she made $25.00. What was Cynthia's **profit?**

5. A bakery baked 64 cupcakes on Monday and 68 cupcakes on Tuesday. If they want to bake 200 cupcakes, how many more do they need to bake on Wednesday?

6. The amount of people who attended the fair during the last 3 months are listed below. What is the **best estimate** of the total amount of people who attended the fair the last 3 months?
   Sept: 389
   Oct: 423
   Nov.: 524

7. **Running Distance**

Stem	Leaf
2	3, 5, 5, 6, 8
3	2, 4, 6
4	5
5	0

Key: 2 \| 5 = 2.5 meters

What is the difference between the longest difference and the shortest distance ran?

8. In September, 72,810 people attended a football game. That number was 13,526 greater than the amount who attended in October. How many people attended the football game in October?

Answer Key

1. **$88.30 and Variable Expense**
2. **Fixed Expense**
3. **Increase**
4. **$19.85.** To calculate profit, students must complete the following *Revenue - Expenses = Profit.*
5. **68 cupcakes**
6. **1,300** Students will round numbers to the nearest hundred and then add. 400 + 400 + 500 =1,300
7. **2.7 meters.** 5.0 - 2.3 =2.7
8. **59,284 people**.