Grade 9 Accounting Worksheet

Calculating Cost Price, Selling Price and Mark-up Percentage

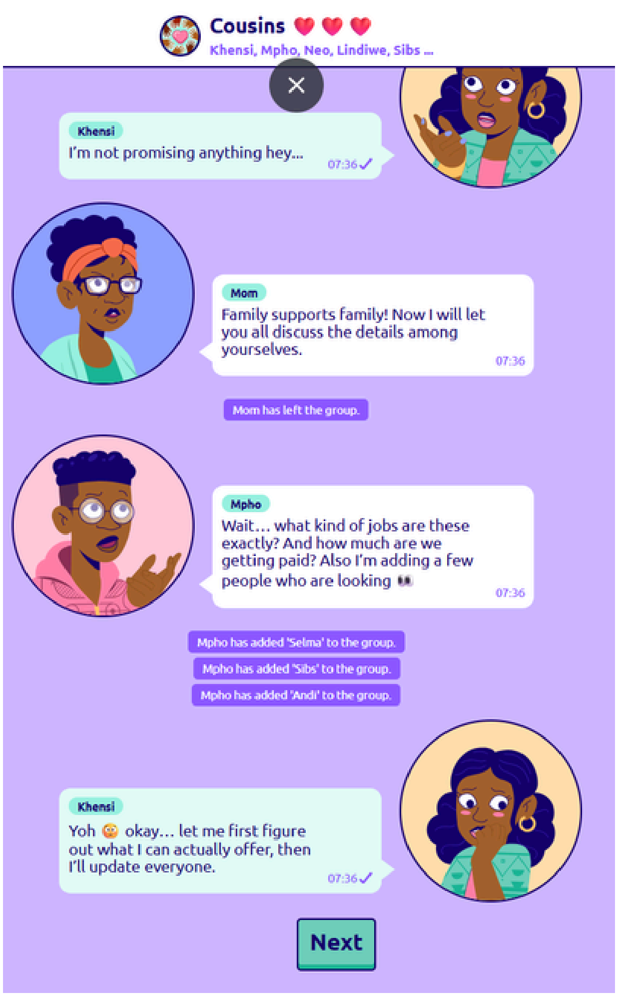
Instructions

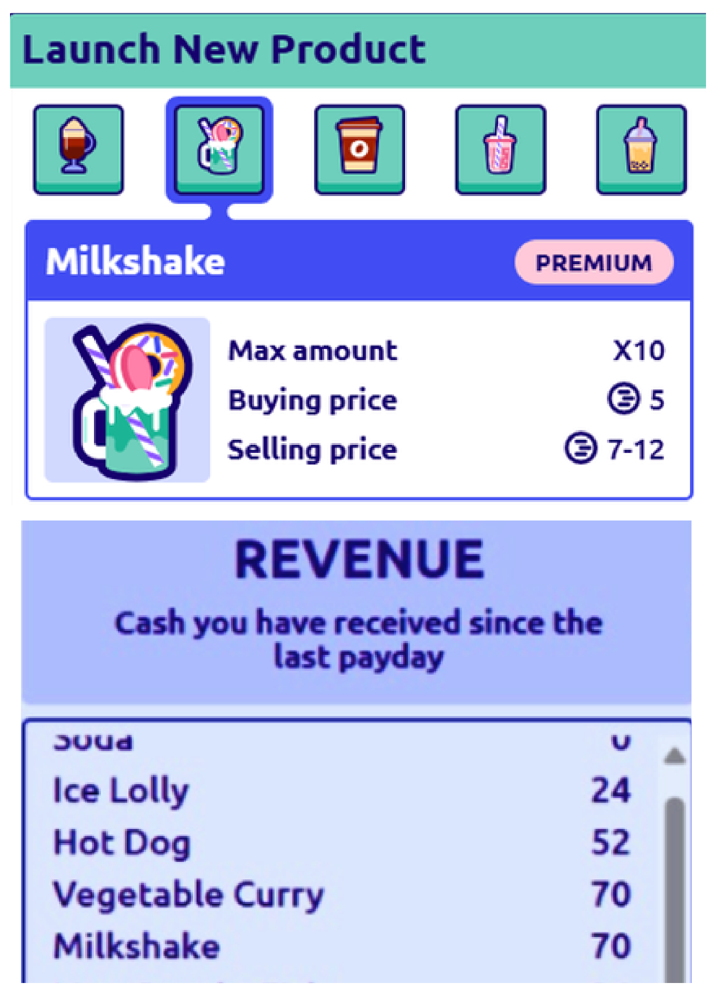
1. Work with a partner. Complete the task in class.
2. Please be aware of the time allocations. It's crucial to manage time effectively and meet deadlines, as no additional time will be provided for this task.
3. Hand in your worksheet at the end of the 60 minutes.

15min **Part A:** Participate in a class discussion about Cost Price, Selling Price, Sales, Cost of Sales, Gross Profit, Net Profit and Mark-up Percentage.

35min **Part B:** Work with a partner to play the AGEC game and hold discussions as you go along. Complete the worksheet.

10min **Part C:** Participate in the class reflection discussion and hand in your work.





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Work with a partner.

Name: Entrepreneur 1	
Name: Entrepreneur 2	
Class: Grade 9	

Part A: Set the Scene

Whole Class **15 minutes**

Make notes on:

1. The difference between: Cost Price and Selling Price for one product; Cost of Sales and Sales for the business over a period; Gross Profit and Net Profit.
2. The following calculations: Mark-up Amount; Selling Price; Mark-up Percentage; Cost of Sales; Gross Profit; and Net Profit.

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Part B: Play the AGEC High School game and Answer Worksheet **With a partner** **35 minutes**

Use what you learned in Part A and information from the AGEC High School Game to complete the worksheet. Play through six paydays, discuss your answers with your partner and show all calculations.

1. The business earns total milkshake **sales of R70**. The milkshakes were sold at a **150% mark-up on cost.** Calculate the **Cost of Sales.**

2. One milkshake has a **Cost Price of R5** and a **Mark-up Percentage of 150%**.

a. Calculate the Mark-up Amount

b. Calculate the Selling Price

c. Compare your answer with the selling-price range available in the game

3. One milkshake has a **Selling Price of R12** and a **Cost Price of R**5.

a. Calculate the Mark-up Amount

b. Calculate the Mark-up Percentage

4. The business earns a **Gross Profit of R7 on milkshakes** with a **Cost of Sales of R5**. Calculate the **Mark-up Percentage**.

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5. Check your answers using the appropriate formulas:

Cost of Sales = Sales × 100 ÷ (100 + Mark-up Percentage)
Selling Price = Cost Price × (100 + Mark-up Percentage) ÷ 100

a. Use the Cost of Sales formula to check Question 1.
b. Use the Selling Price formula to check Question 2.

6. Choose one product that you launched in the AGEC High School Game.

a. Record its Cost Price.

b. Record its Selling Price.

c. Calculate the Mark-up Amount.

d. Calculate the Mark-up Percentage.

What was your Business Value after six paydays? R________________________

Remember: you can get valuable information from the **'Business Value'** tab

7. Consider your Business Value. Explain how your pricing decisions affected your Business Value.

Part C: Participate in Class Discussion and Share Insights **Whole Class** **10 minutes**