

Lesson 11: Payslips + Deferring
Consumption

→ To Be Financially Responsible

"saving before buying
consuming"

Don't have \$ ~~≠~~ don't buy yet
= defer consumption
postpone buying until

Question!

$$RPR = \text{Cost} - \$ \text{ saved}$$

$$RPR = 900 - 780$$

$$RPR = \$280$$

step i. Calculate
Remaining Payment
Required (RPR)

step ii Divide RPR
by the hourly salary rate

$$\begin{aligned} \text{How long?} &= \frac{RPR}{\text{rate}} \\ &= \frac{280}{12.5} \\ &= 22.4 \text{ hrs} \end{aligned}$$

$$\begin{aligned} &= \frac{280 \$}{12.50 \$} \\ &= \frac{280 \$}{1 \text{ hr}} \\ &= \frac{280 \$ \times \text{hr}}{\cancel{\$} 12.50} \end{aligned}$$

\$ / hr

← She must work

To Be more Realistic in Calculating
How Long to Save.

→ Consider pay slip deductions

Part B: Calculating Gross and Net Salary

Question 1: At dollarorama, Karine makes \$12.50 per hour, and she works a total of 40 hours each week. She gets paid every two weeks, and her payslip shows deductions totalling to \$391.64. Fill out the following chart to calculate her gross salary and her net salary.

---SEMI-MONTHLY PAYSLIP---
// 2 weeks

Earnings of period			
	Units	Rate	Amount
Job x	80 hr	12.50 \$/h	\$ 1000

40 x 2

Summaries	
Gross Salary	\$ 1000
Deductions	\$ 391.64
Net Salary	\$ 608.36

$$80 \text{ hr} \times 12.50 \frac{\$}{\text{h}}$$

$$\left| \text{Net S} = \text{Gross S} - \text{Dedu} \right.$$

Part C: How Long to Defer Consumption Considering Net Salary

Question 1: Sara has saved \$700 for a trip to Costa Rica. The plane ticket costs \$980. She makes an hourly salary of \$12.50 and works part-time at 10 hours per week. She gets paid every two weeks and her payslip shows deductions totalling to \$97.50.

a) If she doesn't need to spend her revenue on anything else, how much money could she save every two weeks?

----SEMI-MONTHLY PAYSLIP----

Earnings of period		
Units	Rate	Amount
Job x	20 hr	\$250

Summaries	
Gross Salary	\$250
Deductions	\$97.50
Net Salary	\$152.50

* v important.
• to label
• net salary

b) Calculate how many more weeks she needs to work to save up enough to buy the plane ticket. (every 2 weeks)

152.50 \$ / 2 weeks → 76.25 \$/week
(divide by 2)

She can save 152.50 \$ / 2 week

$$\text{How Long} = \frac{\text{RPR}}{\text{(weekly) rate}}$$

$$\text{How Long} = \frac{280 \$}{76.25 \$/\text{week}}$$

$$\text{How Long} = 3.67 \text{ weeks}$$

c) Calculate how many more hours she needs to work to save up enough to buy the plane ticket.

How many hours = 3.67 w × 10 hr/week

$$HL = 36.7 \text{ hr} \approx 40 \text{ hrs}$$