In this case study, we will be helping Jan make a budget. Jan is a 28 year-old single mom with a 6 year-old daughter, Jenna. She is currently attending school to obtain her high school diploma. Along the way, we will make calculations as necessary to help Jan create a monthly budget.

Jan works at a part-time job making S 11.45/hr two evenings a week (4 hour shifts) and all day Sunday (weekend shifts are 8 hours). Jan generally works these 16 hours every week while she is in school.

During the summer, Jan keeps her part-time job (working 16 hours per week) and works full-time making $13.27/hr for 40 hours a week at a second job.

She also receives the Canadian Child Tax Benefit, S275/month. Jan receives a HST tax credit of $150 every 3 months. Jan's parents often help to support her by contributing groceries and home cooked meals.

Along with Mr. Smith calculate/estimate what Jan can budget every month for these income sources:

i) Part-time job:

$11.45 × 16 = $183.20 /week

$183.20 × 52 ÷ 12 = $793.87
　　　　　↗weeks　↖months

ii) Summer job

$13.27 × 40 = $530.80 /week

$530.80 × 9 ÷ 12 = $398.10 /month
　　　　　↗weeks　↑months

/month

iii) HST credit

$150　4 times/year = $600

$600 ÷ 12 = $50 /month

iv) Tax benefit

$275 /month.

Her and her daughter live in a small, two bedroom, subsidized housing apartment, Where she pays $700 per month, utilities included. Jan's parents help her out with some groceries and home cooked meals. But Jan spends about 75$ per week on groceries.

$75 × 52 ÷ 12 = $325 /month　on groceries

Jan goes to school when Jenna is also at school, so she has no daycare expenses on weekdays. Jan's sister babysits for free when Jan works. Jan pays her sister or another sitter when she goes out in the evenings or on weekends with her friends. Sometimes Jan hires a babysitter so that she is able to focus on her studies or to complete assignments or to study for upcoming exams in the library). It is normal for Jan to pay for 3 hours of babysitting each week ($5.00/hr).

3 hours @ 5$/h = $15

$15 × 52 ÷ 12 = $65 /month　on babysitting

Jan had to buy an annual membership to the library ($60) where she can use the computers to do research.

$$\$60 \div 12 = \$5/month$$

Jan can walk to her school from home and her daughter is bussed to school. Jan can also walk to a local convenience store, but must take the bus to work and do other grocery shopping.

$$\$100 \ month \ (estimated)$$

Jan has to work hard to make ends meet so she usually shops for clothing for herself and her daughter at second-hand stores. She tries to keep her clothing budget to $35.00 per month. When Jan really wants clothing for a special occasion she goes to her mother's to use the family sewing machine to make the item herself.

Although Jan must be very careful about her spending, she buys coffee her way to school. She always brings her lunch from home since she likes to work on homework and eat at the same time. In case of an emergency, Jan tries to put aside $20 a week into savings for a rainy day.

Coffee

$$\$2 \times 5 \ times/week = \$10/week. \qquad 52 - 9 = 43 \ school \ weeks$$

$$\$10 \times 43 \div 12 = \$35.83/month.$$
$$\uparrow \qquad \uparrow$$
$$weeks \qquad months$$

Savings

$$\$20 \times 52 \div 12 = \$43.33/month.$$

As a class, enter all of the monthly costs present in the case study, and identify expenses that Jan might want to budget for that aren't in her case study.

Profile:	Jan's Monthly Budget	
Income		Adjusted Budget
Employment Income Job 1	793.87	
Interest/Dividends	—	
Job 2	398.10	
HST	50	
Tax Benefit	275	
Other		
Income Total	1,516.97	

Expenses		Adjusted Budget
Non-Disc. Expenses (Needs)		
Mortgage/Rent	700	
Utilities	— included —	
Telephone	50	
Groceries	325	
Child Care	65	
Pet Care	—	
Clothing	35	
Transportation (bus)	100	
Gas	—	
Insurance	—	
Health Club Dues	—	
Life Insurance	—	
Medicine	varies from person to person (20)	
Veterinarian	—	
Savings	43.33	
Disc. Expenses (Wants)		
Entertainment	50	
Dining Out	50	
Vacation	—	
Subscriptions (Library)	5	
Other		
Total Expenses:	$1443.33	
Surplus/Shortage:	73.64	

↖ Maybe put into savings