

Name: _____

Date: _____

Flowers'N Trees Nursery: Owning A Business



Congratulations on opening your very own nursery, "Flowers'N Trees"! Your nursery will be offering a variety of flowers, hanging baskets, bushes, shrubs, and trees, as well as landscaping items such as interlocking bricks, mulch, soil, and tools to rent to do your own.

Part A: Determining Costs of Items

Your first task will be to determine pricing on some plants. **Mark-Up** is the percentage or dollar increase on an item that someone buys. The **cost price** is what the store owner pays. The customer always pays more than the cost price so that the company or store is able to

make a profit.

You will be given the cost price and your job is to determine the after mark-up cost. Complete the table below. The first one is done for you.

Item Description	Cost to You	Mark Up %	Mark Up Cost	Total Cost to Customer
12" Potted Blue Spruce Tree	\$12.50	110%	$\$12.50 \times 110\% = \13.75	$\$12.50 + \$13.75 = \$26.25$
Dwarf Alberta Spruce	\$10.50	125%		
Hybrid Rose Bush	\$8.25	200%		
Virginia Creeper	\$9.25	135%		
Crimson King Maple	\$50.25	300%		
Weeping Cyprus	\$75.00	250%		

In addition to having mark up for the customer, they are also required to pay HST on all items. HST, or harmonized sales tax, puts both provincial sales tax (PST) and government sales tax (GST) into one tax added at the end. Currently, the HST is 13%.

- a) Complete the chart below to determine the “After Tax” cost for the customer. This means that HST has been added, and it would be the amount that they would give the cashier as they were checking out of the store.
- b) Determine the amount of change to be given to the customer given what they use to pay with.

Item Description	Price	Dollar Amount of HST (13%)	After Tax Cost	Amount Paid	Change Given
Tomato Seeds	\$1.99	$\$1.99 * 13\% = \0.26 <i>Don't forget to round up!!!</i>	$\$1.99 + \$0.26 = \$2.25$	\$5.00	$\$5.00 - \$2.25 = \$2.75$
Ornamental Grass	\$9.00			\$15.00	
4" Pot of Parsley	\$2.99			\$6.00	
2 Paradigm Hostas	\$36.95			\$50.00	
Flat of 36 Marigolds	\$12.50			\$20.00	
Decorative Flower Pot	\$25.00			\$40.00	
Hanging Basket of Impatiens	\$15.99			\$30.00	