Ac	me: Date:
	tivity Sheet 12
Us	e Multiplication and Division to Determine Parts Needed
Ob	jective:
	on completion of this activity sheet you should be able to use multiplication and division to determine the parts neede a particular job or situation.
NA	TEF mathematics-related academic skills covered in this activity sheet:
•	Multiply whole numbers, fractions, or decimals to arrive at a solution for comparison with the manufacturer's specifications
Th	is activity sheet also covers, wholly or partially, the following NATEF language arts skills:
•	Adapt a reading strategy for all written materials, e.g. customers notes, service manuals, shop manuals, technical bulletins, etc., relevant to problem identification, diagnosis, solution, and repair.
Th	is activity sheet also covers, wholly or partially, the following NATEF science skills:
•	Convert measurements taken using the English or metric system to specifications stated in terms of either system
To	ols and Materials: Pen or pencil
PF	ROCEDURE:
1.	The inner door panel on a certain type of vehicle requires 9 plastic dips to attach it to the door frame. A customer of your collision repair facility has a fleet of 13 of these types of vehicles, all 4-door models. How many clips would it take to replace every one of these door clips on your customer's entire fleet?
	The inner door panel on a certain type of vehicle requires 9 plastic dips to attach it to the door frame. A customer of your collision repair facility has a fleet of 13 of these types of vehicles, all 4-door models. How many clips would it
 2. 3. 	The inner door panel on a certain type of vehicle requires 9 plastic dips to attach it to the door frame. A customer of your collision repair facility has a fleet of 13 of these types of vehicles, all 4-door models. How many clips would it take to replace every one of these door clips on your customer's entire fleet? Your parts manager says that it would be a good idea to stock enough of the above door clips to replace all of the cl
2.	The inner door panel on a certain type of vehicle requires 9 plastic dips to attach it to the door frame. A customer of your collision repair facility has a fleet of 13 of these types of vehicles, all 4-door models. How many clips would it take to replace every one of these door clips on your customer's entire fleet? Your parts manager says that it would be a good idea to stock enough of the above door clips to replace all of the clon the driver's door on five of the vehicles mentioned in Question 1. How many clips should he or she order? The clips are sold in plastic bags of 10 each. How many bags will the parts manager need to order to obtain the

Name:	.4.10	Date:		
Activity She	et 12			
			tock of speed clips. You want to divid etermine how many clips to give each	
How many clips yes, how many?	does each technician get?	After the clips are di	stributed, are any clips left over? Yes	No If
6. Convert the fo	ollowing millimeter readings to i	nches.		
a. 50.8 mm	b. 177.8 mm	c. 25.4 mm		
7. Convert the fo	ollowing inch readings to millime	eters.		
a. 2 ½"	b. 12"	c. 3 "	d. 1 ½ "	
with equal amou add?	nts of antifreeze/coolant and wa	ter. To properly refill the cool	system has a capacity of 13 quarts. It is ng system, how much antifreeze/coola to be opened to add the proper amount	ant must you
meeting. You are		uns for the meeting. What is t	ackage. Hot dogs are going to be serve ne least number of packages that you c	
	hot dog packages and _	b	un packages	
	co-workers tells you "You need his a true statement?	to know how many people tak	e their hot dogs plain before knowing	how many
Yes	No Why	7?		
Activity successi	fully completed. Yes No			
Grade (if applica	uble)			