

Name: _____



The Car Wash

You and your classmates are hungry and decide to buy an ice cream machine for the classroom. The problem is that it costs \$900! To earn the money, you decide to have a car wash and wash vehicles. These are the prices you charge for different types of vehicles:

Car:	\$50
Truck:	\$60
Motorcycle:	\$5

Challenge 1: If you had to wash at least one of each type of vehicle, what is one combination of vehicles you could wash to make exactly \$900?

Challenge 2:

What is the smallest number of vehicles you would have to wash to make \$900?

Challenge 3: What is the greatest number of vehicles you could wash to make \$900?