

## Exploring the World of Math

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Purchasing Power

1. Marion is planning to purchase a new car from a dealership. It is stickered at \$25000. It is built (the SFC) for 20% of the sticker price and sold to the dealership at 200% of the SFC. What is the cost to build the car. How much did the dealership pay for the car?

2. Tonya is planning to buy a pizza tonight. The pizza cost \$12.50. It cost the restaurant 30% of the cost to make the pizza and pay for the labor. How much does the restaurant clear on the sale?

3. Michelle is a web designer. She will work 20 hours and charge \$3000 to design and upload a 12-page web site. She will pay herself \$15.00 an hour this week to do the work. How much money will she clear?