

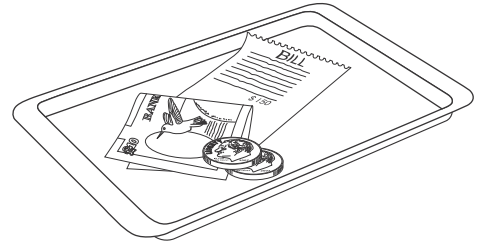
Name _____

Pick a Project

Project 6A

Grateful for Gratuity

A *gratuity*, also called a *tip*, is an amount of money given to someone who has performed a good job. Some of the people who earn money through gratuities are servers at restaurants, ushers at events, delivery people, and drivers.




Sometimes all tips are collected and distributed evenly among all the staff. Other times each person keeps whatever tips they receive. For large groups at restaurants, the tip is often already included. For smaller groups, the customer determines the tip.

Your Project Plan a Party

Plan a trip to a restaurant for a group of 10 or more. At the end of the night, you will have to divide the bill among all diners in your group.

Research local restaurants where you might want to hold the party. Note the cost for different menu items. Create a specific menu for your party. Include options for appetizers, beverages, main courses, and even dessert! And don't forget to include tips for any restaurant servers.

Party Planning	Checklist
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Once you have collected all of the data on the costs, write a report showing the cost for each menu item and any other expenses. When you have the total cost for the party, estimate the cost per person for all members in your group. You want to know how much each person should plan to pay for the party before the final bill arrives at the end of the meal!

Name _____

Pick a Project

Project 6B

Punching the Clock

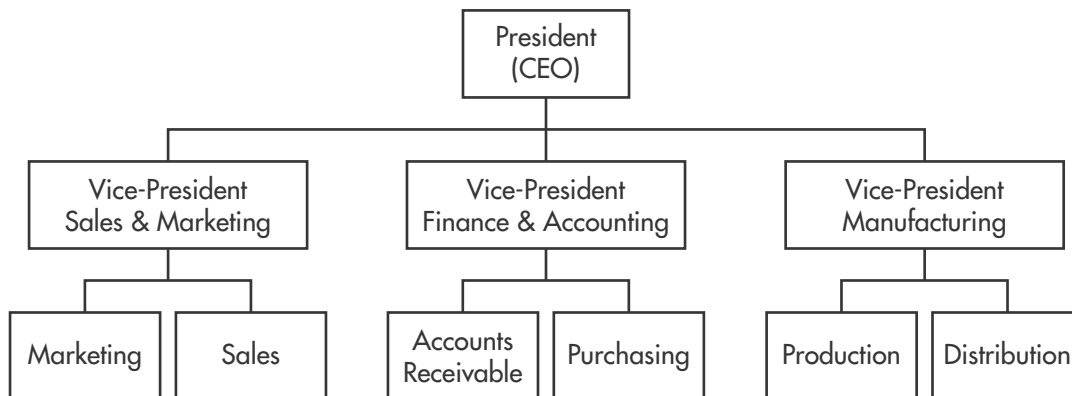
The amount of money you make at a job is called a salary. Some jobs pay a salary that is a fixed amount of money, or wage, paid to you for each hour you work. Other jobs pay the same amount each week no matter how many hours you work. Higher-end jobs also pay bonuses, which can sometimes be greater than the salary.



	Mon	Tue
Start Time	10 AM	10
End Time	6 PM	6

The minimum wage varies among states. The national minimum wage in the United States is \$7.83 per hour.

Your Project Build a Company



All companies have employees who work different jobs, such as sales and accounting.

Research a clothing company you like and the types of jobs that are needed there. It may make socks or pants or hats... anything you like.

Now, build your own company! It will produce an item of clothing. You are the president. You need to hire the following roles: a designer to create the item; a production manager to make the item; a marketing manager to promote the item, a sales person to sell the item, and an accountant to keep track of money that comes into or goes out of the company from expenses and selling the item.

Make a table that gives (1) a job description for each person; (2) how many hours per week each employee will work; and (3) the hourly salary for each employee. Remember, some workers will make more or less than others.

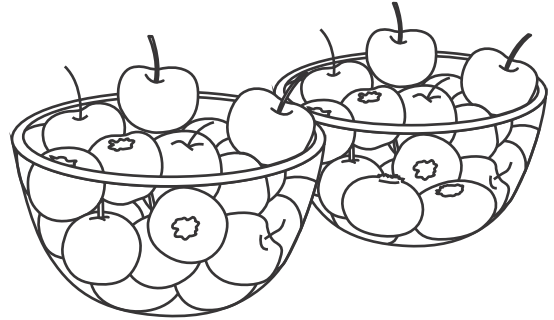
Name _____

Pick a Project

Project 6C

Food for Thought

Grocery stores sometimes sell food, especially fruit and nuts, by weight. The food is evenly divided into equal-size containers.

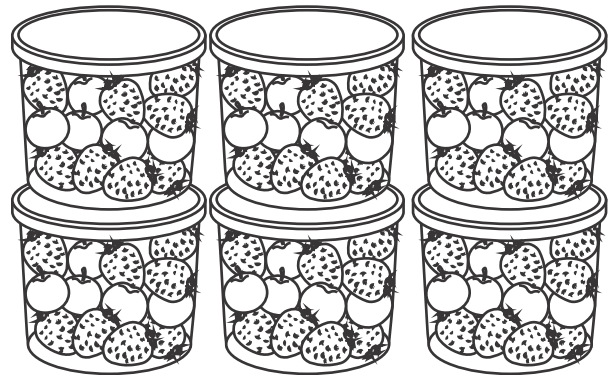


For example, blueberries are so small you wouldn't buy just one. A store may divide a bunch of blueberries equally into a number of containers, each of which holds 1.25 pounds of blueberries. Potatoes are sold in larger containers, usually bags. Each bag might hold 6.75 pounds of potatoes. Nuts are often sold in smaller containers.

Citrus fruits, such as oranges and grapefruits, are grown in regions of California, Arizona, and Texas. But many are grown in Florida. The weather in Florida makes growing fruit quite easy. Polk County, in the central part of the state, remains the top citrus-producing county in Florida.

Your Project Open Your Own Fruit Stand

Research different types of markets in and around your neighborhood. You can look at small, family-owned grocery stores and larger supermarkets. Find out which fruit is sold by weight and divided into containers.



Now open your own fruit stand! List 10 fruits you want to sell. Make sure your fruit stand will sell a total quantity between 20 and 30 pounds, and that the weight is in a decimal form. Next, divide each fruit into groups of 10, 12, or 15 equal-size containers. Then, record how much weight will be in each container.

Start off with 15.5 pounds of strawberries. How much will be in each container if you put the berries into 10 containers? Do the same for the remaining nine fruit groupings. Create a flier to show shoppers what is for sale at your fruit stand, and how much each container of fruit costs.

Name _____

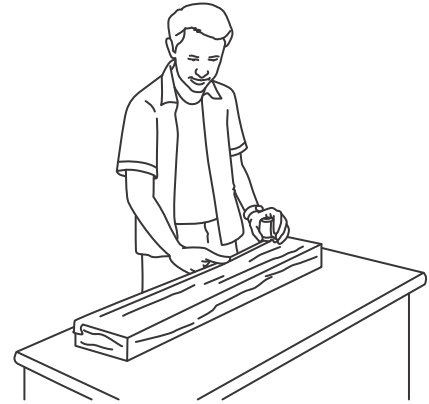
Pick a Project

Project 6D

Construction

Buildings and homes are built by construction companies. These companies use carpenters, who follow plans to meet the building needs. Carpenters use precise measurements to make and install structures such as windows, walls, floors, and doors.

A carpenter follows the rule, "Measure twice and cut once." You should double-check a measurement for accuracy before cutting a piece of wood.



Your Project Draw Plans for a Dollhouse

You are a toy designer. You are hired to design a dollhouse! Research other dollhouse designs to get some ideas for your project.

Your client has some specific needs:

- 1) The roof has two angled sides that come to a point. Each side is 115.5 cm long by 45 cm wide.
- 2) The house's base is 95.5 cm long by 45 cm wide.

The rest of the design—floors, rooms, windows, and walls—is all up to you. Now, draw your plan for the house!

When your plan is done, make a report. Record data about the house. Start with the roof: Roof shingles are 5 cm^2 and each costs \$0.55. How many roof shingles will you need? What is the total cost?

Then, calculate other information, including:

- The living area of the house and the area of each floor
- Divide each floor into rooms, and calculate each room's area.
- The size of the front door and any other door
- The size and number of windows on each wall

Research costs for wood and other materials. Then, create a budget.

