Name _____

Skyscrapers

In 1908, the tallest building in our country was Philadelphia City Hall in Pennsylvania. It is 548 feet tall. In 1930, the Bank of Manhattan Trust Building in New York was the tallest. It is 927 feet tall.

Today, there are buildings in our country that are over 1,000 feet tall! Two famous buildings that are taller than 1,000 feet are the Empire State Building in New York City and Willis Tower in Chicago, Illinois.

Your Project Research the Heights of Tall Buildings

Do some research to find the heights of 6 famous buildings that are each between 100 feet and 999 feet tall. Make a chart that shows each building and its height. List the buildings in order from the shortest height to the tallest height.

Write an equation to find the difference in height between the tallest building and the shortest building. Then choose two other pairs of buildings. For each pair, write and solve an equation to find the difference between the heights of the two buildings.

Add information about the differences between heights to your chart.

Building	Height (in feet)

The tallest building is _____ feet taller than the shortest building.

Name _____

Receive the Receipt

When you buy items, how can you check that what you paid is correct?

A merchant should give you a receipt, which you can use to check the sum.

A receipt is a document, usually given as a piece of paper or sent as an e-mail, that provides information about your purchases. A receipt lists each item and its cost and gives the sum for all items. It may also show when you paid for the items and the name of the location from which you bought the items.

R e c e i p t

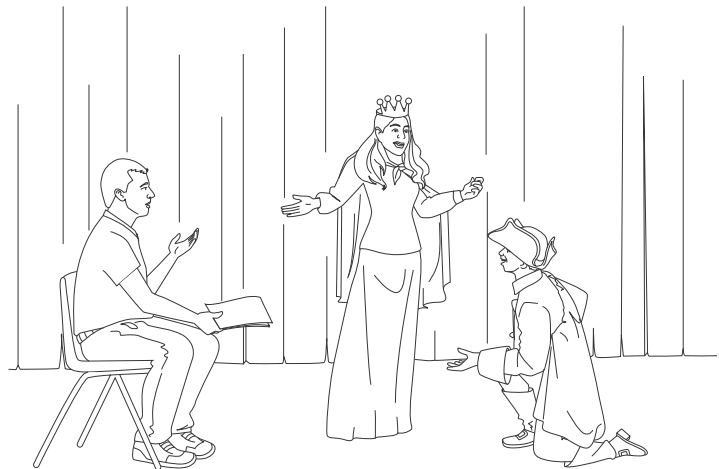| Item	Amount
Chair	35.00
Rug	120.00
Lamp	10.00
Delivery charge	42.00
Total	207.00

Thank you for your visit.

Your Project Create an Addition Skit

Write a skit about adding numbers. Your skit is called "You Can Count on Me."

Write a skit that includes adding three numbers. At least one number should be a 2-digit number, and at least one number should be a 3-digit number. Find other students to include in your skit.

Be creative! Maybe the numbers in your skit represent quantities of animals or pieces of fruit or days during a year. Or perhaps the skit is about reviewing a receipt for items you purchased, and you found an error in the addition…. You decide!

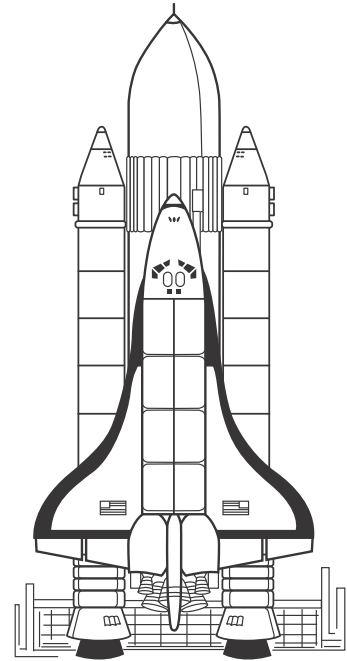Rehearse your skit. Then perform your skit for the class!

Name _____

Making Time for Space ·····················

Have you ever watched the launch of a space shuttle? Our space agency NASA (National Aeronautics and Space Administration) uses a countdown clock to track the number of minutes and seconds before takeoff.

During the countdown, the clock will pause at times to give the scientists time to resolve any unexpected issues that may crop up, such as a sudden change in the weather.

For example, the 9-minute mark is a point at which the clock will hold for 45 minutes. At the end of these time pauses, the countdown clock will usually resume.

Your Project Write a Report About Your Vacation

In one day, or 24 hours, there are 1,440 minutes. Your day is filled with things such as homework, chores, playing, and even sleeping!

Write a vacation report about a 12-hour, or 720-minute, vacation day. Describe a vacation day that you are planning. Write about each event that will occur during the day. How many minutes will each event last? Subtract the total number of minutes for your events from 720. This will be your vacation day countdown.

At least two events in your day have to take more than 100 minutes. Start with the time you eat. Will it take 60 minutes? If so, 720 − 60 = 660. Now you have 660 minutes left. What will you do next? How many minutes will it take? How much time do you have left in your vacation day?