My name is Mark. I work as a clinical laboratory technician. I perform tests used in the diagnosis and treatment of disease. I work in a lab performing the tests and enter the information into a computer. Some of the things I do include: drug testing, matching blood types, and checking for different types of bacteria. I use microscopes and other lab equipment to do my job.

My name is Lisa. I am an electronics engineer. I fix radios, televisions, computers and telephones. I design electrical equipment and do research. I also write and use computer programs to make new equipment.

I am Jack. I am a professional surveyor. I measure the earth’s surface. I work on roads and construction sites. I also collect information for maps and charts. When people want to build a new home, they call me to measure the land boundaries before they build.

Answer the questions below.
1. Which person would work at a hospital? _______________________
2. Which person would you call if you wanted to build a new house? _______________________
3. Which job would use wires and circuits? _______________________
4. What two jobs describe using computers? _______________________
5. What job would you like to have? _______________________
   Why? _______________________

Read about each career then answer the questions.
Science Matters: Each job below uses a type of measurement. Match the occupation to the correct description and the correct unit of measurement.

- The architect uses a ruler to measure lines on his drawings. He measures length in ________.
- The mechanic must put oil in the car. He measures volume in ________.
- The welder uses a hot flame to melt steel. She measures the temperature on the welding machine in ________.
- The truck driver must record how many miles he travels per hour. He measures time in ________.
- The chemist must weigh different liquids and chemicals. She measures mass in ________.
Math Counts!

Each job below uses math. Help each person solve the problems below.

Construction Worker

1. Tuesday the construction worker used 6 rows of 5 beams. 6 x 5 = _______
2. Wednesday she used 9 rows of 8 beams. _____ x ______ = ______
3. Thursday she used 7 rows of 5 beams. ______ x ______ = ______
4. Friday she used 4 rows of 8 beams. ______ x ______ = ______

How many beams were used in all? ________

What does a construction worker build? ____________

Cashier

For each total the cashier was given $5.00. What is the change for each?
1. $4.25 __________
2. $3.00 __________
3. $1.25 __________
4. $.50 ____________
5. $2.43 __________
6. $3.33 __________

Where would a cashier work?

Software Engineer

Put the correct sign for the number of CDs made on each line.
565 _______ 898
1000 _______ 100
7600 _______ 865
9999 _______ 1000
500 _______ 5000
3699 _______ 456
878 _______ 100 + 778

What does a software designer create?

Baker

Write the correct fraction for each item below. The baker sold the following:

two thirds of the muffins:_______
six eighths of the cakes:_________
one half of the pies:___________
three fifths of the cookies:_________
four tenths of the bread:_________  

Mover

Complete each number sentence.
The mover unloaded the following:
3 + 5 = 8 and 8 - _____ = 5 boxes
6 + 9 = 17 and 17 - _____ = 6 beds
14-7 = 7 and 7 + _____ = 14 tables
(21 + 9 + 30) and (30 - 9) = _____ chairs

Who does a mover help? __________

Geologist

Answer the questions below using the graph.

What is the total number of rocks for sandstone and granite?_______

How many rocks were found that were limestone?_______

What is the total number of rocks for gneiss and basalt?_______

Name | # of rocks collected
-----|----------------------
Gneiss | 12
Granite | 19
Limestone | 27
Basalt | 14
Sandstone | 8
Slate | 6
Match each occupation to the correct tools or machines used in the past and today.

I work as a mail carrier for the U.S. Postal Service.

I work as a customer service representative at the phone company.

I am an airplane pilot.

I am a forest fire fighter.

I run my family farm.