

CAREER START 4

Match each job to the correct question.

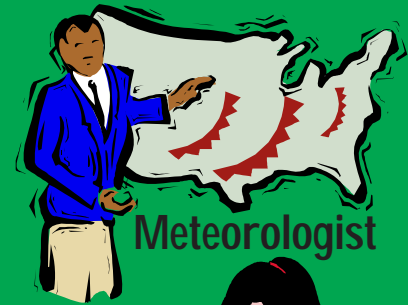
1. Which person would use a barometer, hygrometer, and anemometer ?

Baker



2. Which person would work with circuits, voltage, conductors, and insulators?

Meteorologist



3. Who would most likely conduct investigations and record data?

Electrician



4. Who would use measurements such as cups, quarts, pints, and liters each day?

Air Traffic Controller

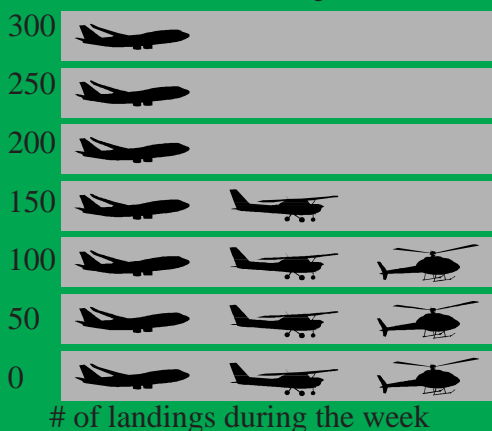


5. Which person would record the weight and mass of items being shipped and received?

Shipping & Receiving Clerk



6. Who would most likely use the graph below?



Lab Technician



Careers Count

Many careers use math every day.
Learn about the careers below and answer the questions.

1. The **mechanic** charges \$20 per hour for labor. If he works 3.25 hours, how much are the labor charges?



2. The **forester** must cut down several trees that have died. He estimates that there are at least 15 trees per acre he needs to cut down. How many trees will he cut down on 5 acres? _____



3. The cashier rang up some of the items below twice. If the total amount before tax was 32.65, What two items did the cashier ring up twice?

Soda-\$3.55 Candy-\$4.12
Milk-\$3.22 Fruit-\$5.48
Rolls-\$2.75
Cheese-\$3.88
Cookies-\$2.55



4. The **shipping and receiving clerk** is unpacking bottled water. Her records show she was supposed to receive 8 cases of 24 bottles. The total number of bottles is 150. How many bottles is she missing? _____



5. The **contractor** has estimated that he will finish his building in 3 weeks if the workers can work each day, Monday -Friday. Due to bad weather, the workers miss 4 days. How much longer will the contractor need to finish the job? _____



6. The **chemical lab technician** analyzes drugs 3 days, plastics 1 day, and paints 4 days in this order. If the lab technician is given drugs to analyze beginning on a Tuesday, what is the first day he will analyze paints if he only works Mon.-Fri? _____



7. The **carpet layer** can install 35 square feet of carpet himself in 4 hours. Two carpet layers can install 80 square feet of carpet in 6 hours. If you wanted your carpet installed quickly, would you choose 1 or 2 carpet layers?



Why? _____

8. The **veterinary assistant** works 3 hours feeding and caring for the animals in the morning and 4 hours in surgery in the afternoon. If she comes in at 7:00AM and takes one hour for lunch, what is the earliest time she could leave in the afternoon?



9. The **welder** must connect at least 30 beams a day to frame out a building. If she connects 4 each hour and she works 8 hours will she meet her goal?

How many beams will she connect in all each day? _____

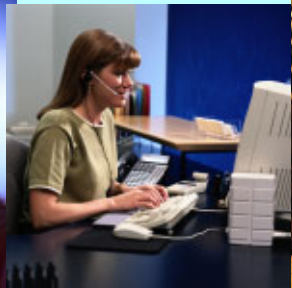


Research a career!

Answer the questions below. Visit your library for more help.



1. Name a job you like.



2. Write 3 questions you have about the job.

1. _____ ?

2. _____ ?

3. _____ ?

3. Name 2 ways you can get information to answer your questions.



4. Create a plan to gather your information and to present it.

Task 1 _____ complete by: _____

Task 2 _____ complete by: _____

Task 3 _____ complete by: _____

Task 4 _____ complete by: _____

Now and Then: Careers

Match the people in history on the left to the correct information. Then match the careers on the right to the each person in history who held that job.

George Washington



Third president of the U.S. (1801-9), He was a planter and lawyer from 1767, as well as a slaveholder who opposed slavery. He retired to his plantation, Monticello, where he pursued his many interests in science, philosophy, and architecture. In 1819 founded the University of Virginia.



University President

James Monroe

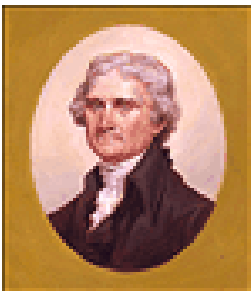


Fifth president of the U.S. (1817-25), Born in Westmoreland Co., Va., he fought in the American Revolution.

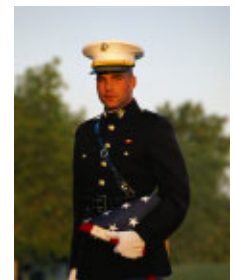


Surveyor

Thomas Jefferson

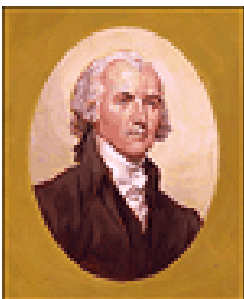


The first president of the U.S. (1789-97), he was educated privately and worked as a surveyor from age 14. "He is known as the "father of his country." He is universally regarded as one of the greatest figures in U.S. history.



Military Officer

James Madison



An American Revolutionary leader, he became a lawyer. In 1775 at a Virginia assembly he made his famous defense of liberty, Give me liberty or give me death. He helped draft the state's first constitution and served as governor 1776-79 and 1784-86.



Writer

Patrick Henry



Fourth president of the U.S. (1809-17), He is known as the "father of the Constitution." He sponsored the Bill of Rights. He wrote articles and letters, and served as rector of the University of Virginia from(1826-36.



Lawyer

Source: The Britannica Concise <http://education.yahoo.com/reference/encyclopedia>