Name_____

AIR FORCE PILOT

As an air force pilot, Jack flies the plane that refuels fighter jets in the air. His plane also carries equipment and supplies. Jack flies all over the world, taking supplies to air bases. On the way, he refuels the fighter jets. After he lands, Jack makes sure his plane has been checked over and fuel put in for the next flight.

1. Jack's flying time was 15 hours. He made this trip 3 times this week. How many hours did Jack fly?_____

2. The distance from New York City to Paris, France, is 3,624 miles. It is 4,281 miles from New York to Rome, Italy. How many more miles is it from New York to Rome than from New York to Paris? _____

3. The distance from New York City to London, England, is 3,458 miles. The distance from Los Angeles to London is 5,382 miles. How much closer is New York to London? _____

4. Jack loaded 100,000 pounds of equipment on his plane. It took two hours to load the plane. How many pounds were loaded per hour? _____

5. It is 5,433 miles from Los Angeles to Tokyo, Japan. Jack flew to Tokyo and back last week. How many miles did he fly in all? _____

6. Jack's plane took off at 6:00 a.m. It landed at 9 :00 p.m. How long was the flight?

_____

Solve the following:

7. 2,990 − 1,431

8. 3,245 + 2,496 + 1,722

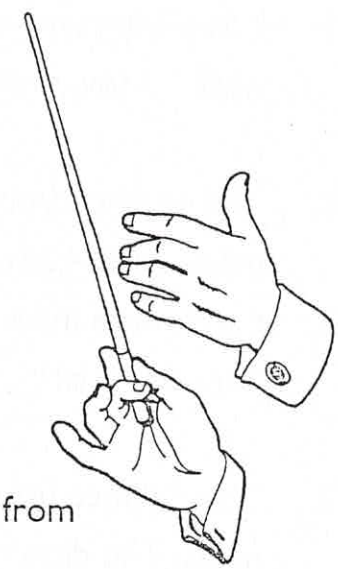
9. $5\overline{)1{,}200}$

10. 62 × 12

Name_____

ORCHESTRA CONDUCTOR

Gerard studied at the famous Julliard School of Music in New York. Today, he is an orchestra conductor. His job is to make sure all the different musicians play their parts at the right time. Gerard must be able to read all the musical parts at the same time. He rehearses the orchestra for weeks before they perform for an audience.



1. The orchestra rehearsed from 8:00 a.m. to 11:00 a.m. The dancers rehearsed from 1:00 p.m. to 4:00 p.m. The entire show rehearsed from 6:00 p.m. to 11:00 p.m. How many hours did Gerard work? _____

2. A snare drum is 16 inches across. The bass drum is 4 times larger. How big is the bass drum? _____

3. There are 100 instruments in the orchestra. The orchestra is made up of 4 families of instruments. How many instruments from each family? _____

4. In the orchestra, there are 36 violins, 3 clarinets, 4 trumpets, 3 trombones, 4 kettle drums, and 1 tuba. How many instruments? _____

5. There are two 8-foot-long bassoons in the orchestra. There are three 2-foot-long oboes in the orchestra. If all these instruments were laid end-to-end, how many feet would they total? _____

6. The show lasts for 2 hours. The orchestra performs twice a day, 5 days a week. How many hours in all? _____

Solve the following:

7. $27\overline{)189}$

8. $\begin{array}{r} 5{,}890 \\ +\ 976 \\ \hline \end{array}$

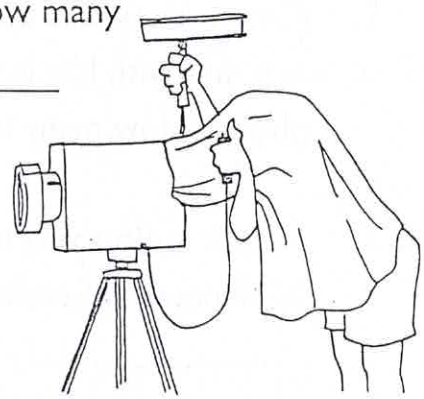
9. $\begin{array}{r} 5{,}444 \\ -\ 3{,}245 \\ \hline \end{array}$

10. $\begin{array}{r} 125 \\ \times\ 105 \\ \hline \end{array}$

Name_____

PHOTOGRAPHER

Jessica is a photographer. People hire her to take pictures of fashion models, food, homes, animals, and many other things. Jessica has a big studio with a dark room where she develops her film. One day she may be in Hawaii shooting pictures. Another day she might be on a snow-covered mountain.



1. Jessica can shoot 10 photos of a model in 10 minutes. How many photos could she shoot in 1 hour? _____

2. Jessica took 280 photos in 7 days. How many each day?
_____

3. Jessica puts 2 photos on each page of her portfolio. The portfolio has 25 pages. How many photos in all? _____

4. Jessica was paid $575 for a photo shoot. Her expenses totaled $209. How much did she have left over? _____

5. The sun will rise at 7:15 a.m. and set at 6:25 p.m. How much daylight will Jessica have to shoot outdoors? _____

6. Jessica made $445, $389, and $500 for 3 photo shoots. How much in all?
_____

Solve the following:

7. 825
-322

8. 62
× 7

9. $27\overline{)189}$

10. 227
449
+ 159

Name_____

RADIO TALK SHOW HOST

Susan works as a host for a talk radio show. She interviews interesting people. Susan follows the news carefully. She also reads a lot of books and magazines. This is one way she finds people to interview. Sometimes the listeners don't like what Susan or her guests say. Many of them call and tell her what they think.

1. Susan's show was on the air for 2 hours. She spent 6 hours reading and researching. She met with her guest for 1 hour before the show. She spent 2 hours on the phone. How many hours did Susan work? _____

2 Susan's radio show is on the air for 120 minutes. Of that time, 32 minutes are commercials. How much time left?

_____

3. Susan reads 3 books a week. How many will she read in 3 months' time? (4 weeks in each month) _____

4. Last year, Susan interviewed 240 people. How many each month? _____

5. On Monday, 12 people called in to Susan's show; on Tuesday, 13 people; Wednesday, 18 people; Thursday, 12 people, and Friday, 20 people. How many people in all?

_____

6. Susan works from 9:00 a.m. to 3:00 p.m. at the radio station. How many hours in all? _____

Solve the following:

7. $68\overline{)544}$

8. $\begin{array}{r} 75 \\ \times\ 9 \\ \hline \end{array}$

9. $\begin{array}{r} 800 \\ -\ 230 \\ \hline \end{array}$

10. $\begin{array}{r} 23 \\ 90 \\ 6 \\ +\ 72 \\ \hline \end{array}$

Name_____

BOOK PUBLISHER

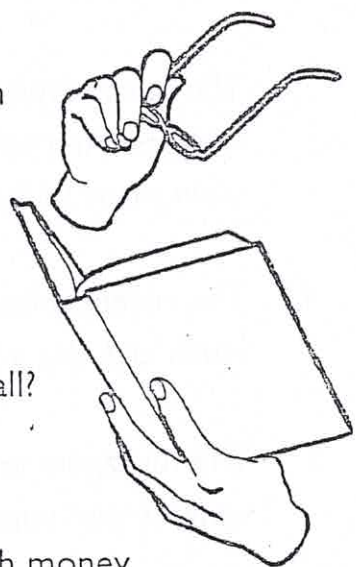
Allison owns a publishing company. As the publisher, she decides how many books to publish each year. Allison finds out what kinds of books should be published. She hires the writers, editors, and illustrators who create the books. After Allison gives her final approval, the books are printed.

1. It takes 3 months to prepare a book for publishing. How many books can be published in a year? _____

2. The typesetter can type 5 pages of manuscript into the computer in one hour. How many pages in 8 hours? _____

3. The book has 48 pages. 15 pages will not have illustrations on them. How many pictures does the illustrator need to draw?

_____



4. Allison's company sold 950 books in July, 1,450 books in August, and 2,325 books in September. How many books in all?

_____

5. The company sold 350 books. Each book cost $5. How much money in all? _____

6. Allison works long hours. Yesterday she arrived at the office at 6:30 a.m. She left at 7:00 p.m. How many hours did she work? _____

Solve the following:

7. $16\overline{)192}$

8. $\begin{array}{r} 1{,}345 \\ +\ 890 \\ \hline \end{array}$

9. $\begin{array}{r} 9{,}562 \\ -\ 4{,}440 \\ \hline \end{array}$

10. $\begin{array}{r} 700 \\ \times\ 12 \\ \hline \end{array}$

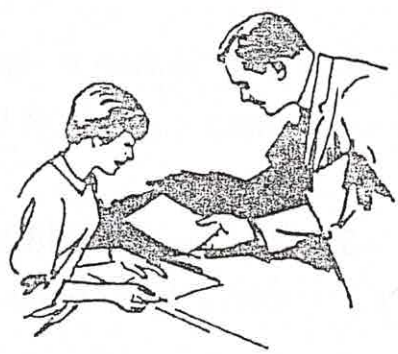
Name_____

OFFICE WORKERS

It takes many people to keep a busy office running smoothly. The receptionist answers the phone and greets visitors. The secretary types reports and letters. The salesmen sell the products the company makes. The accountant keeps track of the company's money. The managers decide what products to sell and plan for the future of the business.

1. The receptionist is the first person at work each day. She works from 7:30 a.m. to 4:30 p.m. She has 1 hour for lunch. How many hours does she work?_____

2. There are 4 secretaries in the office. Each typed 12 letters. How many letters in all? _____



3. The salespeople are Jerry, Ann, and Byron. Jerry sold 340 widgets, Ann sold 448 widgets, Byron sold 465 widgets. How many widgets were sold in all? _____

4. The receptionist makes $7 per hour. She worked 40 hours this week. For how much did the accountant write her paycheck? _____

5. The managers are planning to produce 12,000 widgets this month. How many widgets per week? (4 weeks = 1 month) _____

6. The office is open every weekday, except for holidays and vacations. There are 260 weekdays in the year. The company gives the employees 10 holidays and closes for 14 days of vacation in the summer. How many days is the office open each year?

_____

Solve the following:

7. $\begin{array}{r} 90 \\ -\ 54 \\ \hline \end{array}$

8. $\begin{array}{r} 560 \\ 678 \\ +\ 540 \\ \hline \end{array}$

9. $6\overline{)72}$

10. $\begin{array}{r} 60 \\ \times\ 8 \\ \hline \end{array}$

Name_____

HOTEL MANAGER

Barry manages a big hotel. The hotel has many rooms, swimming pools, restaurants, gift shops, a ballroom, and a cocktail lounge. It is Barry's job to make sure the guests are comfortable and that everything in the hotel runs smoothly. Barry hires the employees and oversees their jobs.

1. The hotel has 450 rooms. One-half of the rooms are filled. How many rooms are still available? _____

2. The hotel has 450 rooms on 15 floors. How many rooms on each floor? _____

3. Over the past month, the hotel had 487 guests during the first week, 346 guests during the second, and a total of 650 guests during the last two weeks. How many guests total for the month?

   _____

4. Barry arrives at the hotel each morning at 7:00 a.m. Today, he will stay late to oversee a party in the ballroom. He will leave the hotel at 1:00 a.m. How many hours will Barry spend at the hotel today? _____

5. The Jacksons reserved a room at the hotel for 3 nights. The room rate is $75 per day. How much will the room cost the Jacksons? _____

6. 30 guests are at the swimming pool, 12 are in the gift shop, 28 are in the lounge, and 46 are in the restaurant. How many guests in all?_____

Solve the following:

7. $7\overline{)1{,}540}$

8.
$$\begin{array}{r} 32 \\ 24 \\ +\ 72 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 655 \\ -\ 327 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 250 \\ \times\ 27 \\ \hline \end{array}$$

Name_____

CABINET MAKER

Joe works with wood and can build just about anything from it. He makes beautiful handcrafted furniture. That means he builds the furniture by hand. He must choose the wood he will use. Joe then measures and cuts the wood. After he fits the pieces together, he will hand-finish it. It takes a long time to make furniture by hand.

1. Joe uses six 8-foot planks of wood to build a table. How many feet of wood in all? _____

2. A dining room table built by Joe costs $2,500. Each chair costs $250. How much will a table and 4 chairs cost? _____

3 Joe began work at 7:00 a.m. He took off an hour to go home for lunch. He did not finish his work until 9:00 p.m. How many hours did Joe work? _____

4. The apprentice earns $8 an hour learning his craft. If he works 40 hours, how much will he earn? _____

5. The other cabinetmaker earns $15 per hour. How much will he earn in 40 hours? _____

6. What is the difference in total weekly salaries between the apprentice and the woodworker? _____

Solve the following:

7. $\begin{array}{r} 2{,}799 \\ +\ 448 \\ \hline \end{array}$

8. $15\overline{)210}$

9. $\begin{array}{r} 8 \\ \times\ 7 \\ \hline \end{array}$

10. $\begin{array}{r} 700 \\ -\ 325 \\ \hline \end{array}$

Name_____

FLORIST

Brian is a florist. His shop is filled with beautiful flowers and plants. Brian is very creative. He puts different flowers together to make unusual arrangements. He often is asked to do the flowers for parties and weddings. He has a greenhouse behind his flower shop where he grows many of the plants he sells.

1. Brian began working in his greenhouse at 6:00 a.m. He opened his shop at 9:00 a.m. and closed the shop at 7:00 p.m. How many hours did Brian work? _____

2. Brian ordered 4 dozen roses, 6 dozen carnations, and 5 dozen daisies. How many flowers in all? _____

3. Brian sold 360 roses on Mother's Day. How many dozen roses was this? _____

4. In a week's time, the shop sold 420 bouquets, 175 plants, and 120 arrangements. How many sales altogether? _____

5. Brian was paid $3,500 for flowers he prepared for a wedding. Brian's expenses totaled $1,750. How much did Brian make? _____

6. Roses sell for $15 per dozen. How much will Brian receive if he sells 12 dozen roses? _____

Solve the following:

7. $72\overline{)1{,}584}$

8.
$$\begin{array}{r} 15 \\ 45 \\ 72 \\ +\ 97 \end{array}$$

9.
$$\begin{array}{r} 767 \\ -\ 624 \end{array}$$

10.
$$\begin{array}{r} 97 \\ \times\ 6 \end{array}$$

Name_____

ACTRESS

Nicole is an actress. She works on a daytime television program. Each day, Nicole arrives at the studio very early. She studies her lines. She and the other actors rehearse the show for five hours. Then Nicole studies her lines some more, gets fitted for the clothing she will wear, and has her makeup put on. In the afternoon, the show is taped for television.

1. Nicole arrived at the studio at 4:00 a.m. She left the studio at 7:30 p.m. How many hours was she there? _____

2. Nicole has 48 pages of lines to memorize. It will take her 4 hours. How many pages of lines per hour? _____

3. When Nicole received her first paycheck, she went shopping. She spent $400 on clothes, $250 on shoes, and $175 on jewelry. How much did she spend in all?

_____

4. The soap opera is on television for 1 hour. Nicole appears on the screen for a total of 15 minutes. How long is Nicole not on the screen? _____

5. The show is on 5 days a week, 52 weeks a year. How many days is the show on television in a year? _____

6. Nicole studies her lines for 5 hours each night during the week. On the weekends, she studies her lines for 4 hours each day. How many hours a week does Nicole spend studying her lines? _____

Solve the following:

7. $\begin{array}{r} 32 \\ \times\ 19 \\ \hline \end{array}$

8. $\begin{array}{r} 453 \\ +\ 234 \\ \hline \end{array}$

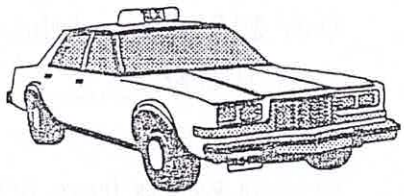
9. $8\overline{)728}$

10. $\begin{array}{r} 128 \\ -\ 76 \\ \hline \end{array}$

Name_____

TAXI DRIVER

Barney is a taxi driver. The dispatcher will call him on the radio to tell him where to pick up a rider. Sometimes Barney is told to go to the airport. He picks up people as they come out of the airport. At night, he drives near the theaters and restaurants to pick up people who have been out for the evening.



1. Barney works an 8-hour shift. Last week, he worked 7 days. How many hours did he work? _____

2. The taxi fare is $1.50 per mile. How much will it cost to travel 5 miles? _____

3. Barney's rider gave him a $20.00 bill. The fare was $12.75. How much change should Barney give the rider? _____

4. Barney makes extra money from tips. Last week, he received $12.50 on Monday, $14.00 on Tuesday, $23.25 on Wednesday, $10.00 on Thursday, and $45.50 on Friday. How much money did Barney make in tips altogether? _____

5. In 8 hours, Barney traveled a total of 360 miles. How many miles did he travel per hour? _____

6. Barney picked up a fare at the airport at 7:30 p.m. They arrived at the person's hotel downtown at 8:15 p.m. How long did it take to get from the airport to the hotel? _____

Solve the Following:

7. $16\overline{)352}$

8.
$$\begin{array}{r} \$16.75 \\ 19.25 \\ +\ 20.47 \end{array}$$

9.
$$\begin{array}{r} 728 \\ -\ 634 \end{array}$$

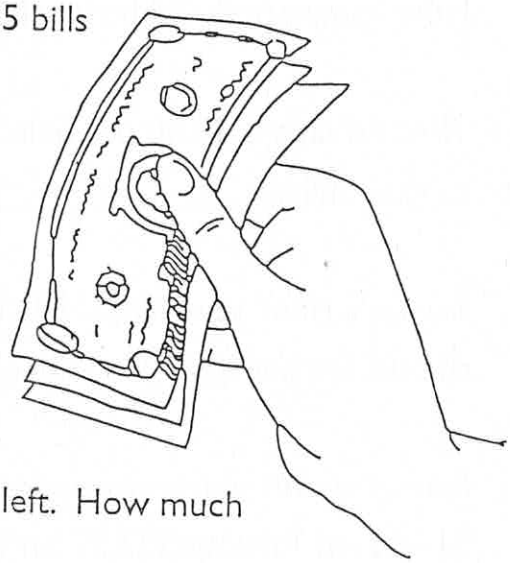
10.
$$\begin{array}{r} 17 \\ \times\ 9 \end{array}$$

Name_____

BANK TELLER

As a bank teller, Brenda handles a lot of money every day. She cashes checks and takes care of deposits and withdrawals. Before cashing a check, Brenda must see that the written and numerical amounts agree, verify the identity of the person receiving payment, and be certain there is enough money in the account to cover the check. She must also carefully count out the cash to avoid errors.

1. A man made a $350 cash deposit. The cash included three $50 bills, six $20 bills, four $10 bills, and the rest in $5 bills. How many $5 bills were there? _____



2. Brenda works from 8:30 a.m. to 3:30 p.m. Monday through Friday. She gets ½ hour off each day for lunch. How many hours per week does Brenda work? _____

3. Each morning, Brenda starts out with $800 in cash and coins. One day, by 10:00 a.m., she had $217.98 left. How much money had she given out? _____

4. Rick puts the same amount in his savings account each month. He has been saving for eight months and has $1,080. How much does he deposit each month? _____

5. Brenda drives 6½ miles from her home to the bank. Altogether, how many miles does she drive to and from work in five days? _____

6. A lady withdrew $340 from her savings for gifts to her four grandchildren. She will give the same amount to each one. How much will each child receive? _____

Solve the following:

7. $\begin{array}{r} 777 \\ \times\ 7 \\ \hline \end{array}$

8. $\begin{array}{r} 25{,}835 \\ -\ 9{,}968 \\ \hline \end{array}$

9. $12\overline{)9660}$

10. $\begin{array}{r} \$119.25 \\ 78.57 \\ +\ 6.89 \\ \hline \end{array}$

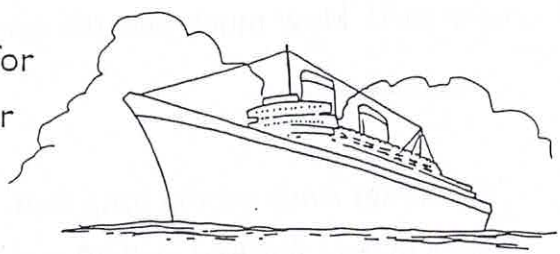
Name_____

TRAVEL AGENT

Jason is a travel agent. He can make all the arrangements for a client's business trip or vacation. This includes purchasing travel tickets, making hotel reservations, and arranging for a car rental. He may also advise the traveler about weather conditions at his or her destination, about restaurants, tourist attractions, and other recreational activities. If a person is going to another country, Jason tells the person about required passports, visas, and the kind of money used there.

1. Round-trip air fare is $576. A six-day stay at the hotel is $98 per day. Car rental is $165 for six days. How much is spent on these three things? _____

2. In seven days, Jason made travel arrangements for 112 people. That is an average of how many per day? _____



3. Plane fare to New York is $363.00. Train fare to New York is $126.85. How much difference between the two fares? _____

4. Flight time to New York is five hours. Train time is from 12:00 p.m. Tuesday to 12:00 p.m. Thursday. How many more hours on the train than the plane? _____

5. If one American dollar equals eight Mexican pesos, how many dollars would it take to buy a sombrero costing 296 pesos? _____

6. Jason can arrange a one-week vacation package for two to Hawaii for $3,229. Three couples decide to go together. How much does Jason collect for the trip ?

_____

Solve the following:

7. $\begin{array}{r} 5{,}005 \\ -\ 4{,}707 \\ \hline \end{array}$

8. $\begin{array}{r} 12 \\ 24 \\ 48 \\ +\ 96 \\ \hline \end{array}$

9. $\begin{array}{r} 53 \\ \times\ 35 \\ \hline \end{array}$

10. $13\overline{)819}$

Name_____

AUTO MECHANIC

As an auto mechanic, Andy hears many strange descriptions of squeaks, knocks, or other noises from car owners. It is Andy's job to figure out what the problem is and to fix it. He has many special kinds of tools to work with. Andy knows a lot about automobile engines, but as new cars are built, changes are made. Therefore, Andy regularly goes to factory training centers where he learns how to repair new car models.

1. A certain engine part cost $56.80. Andy charges $30 an hour for labor. It took him an hour and a half to put in the new part. How much was the car owner's bill?

   _____

2. Sometimes Andy works long days. One day, he started at 7:00 a.m. and finished at 9:30 p.m. How many hours was he at work that day? _____

3. Andy loves his old truck. It is 18 years old and has been driven 264,996 miles. That is an average of how many miles per year? _____

4. One spark plug costs $1.93. A set of eight would cost how much? _____

5. One shop estimated a repair job would cost $321. Andy estimated the same job would cost $289. How much less was Andy's estimate? _____

6. It took 5½ hours to repair one car. It took six hours to repair another car. At $30 an hour, how much was charged for labor on the two cars? _____

Solve the following:

7. $120\overline{)720{,}000}$

8.
$$\begin{array}{r} \$63.10 \\ 22.09 \\ +\ 19.88 \end{array}$$

9.
$$\begin{array}{r} 555 \\ \times\ 55 \end{array}$$

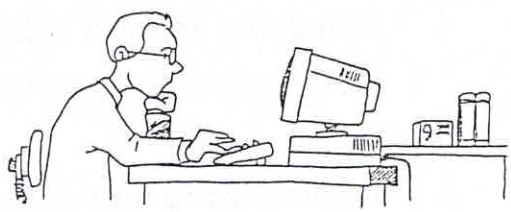
10.
$$\begin{array}{r} 83{,}000 \\ -\ 12{,}063 \end{array}$$

Name_____

COMPUTER PROGRAMMER

Kate is a computer programmer. She writes detailed instructions that list the steps the computer must follow to do a certain task. Then she enters this program into the computer's "brain" using a special coded language that the machine can understand. A program could be one that keeps track of a company's inventory of parts, or controls the flight of a spacecraft, or even plays a game with someone.

1. A business has 189 employees. One-third of them have computers on their desks. How many people use computers to do their jobs? _____



2. It took Kate 17 days working 9 hours a day to complete a program. How many hours total did she spend on the program? _____

3. In one hour, the computer instructed the printer to print out 2,820 names and addresses. That's an average of how many per minute? _____

4. An error in a program caused half of 12,738 customers to receive duplicate water bills in the mail. How many bills were sent in error? _____

5. Three friends each bought a computer. One cost $1,295.80, one cost $1,530.50, and one cost $2,873.99. How much was spent on computers? _____

6. Kirk played 25 games of chess on his computer. He won nine games. How many times did the computer win? _____

Solve the following:

7. $9\overline{)468}$

8. 33×33

9. $602 + 130 + 399$

10. $7{,}654 - 3{,}210$

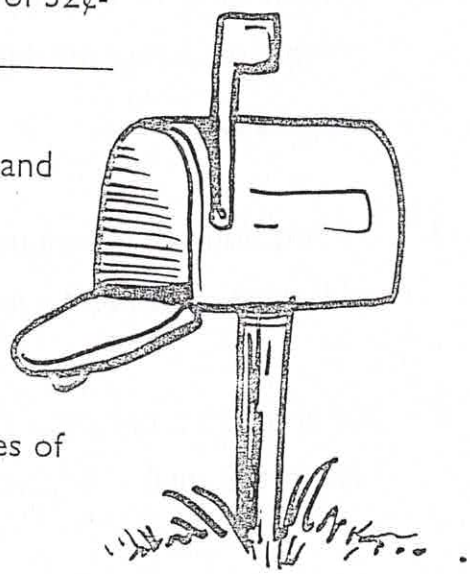
Name_____

MAIL CARRIER

Sam loves his job as a mail carrier because he likes to work outdoors. He spends a few hours early in the morning at the post office arranging his mail for delivery. Then he drives his small postal truck around his route. Sometimes he parks the truck and walks from house-to-house putting mail in the boxes. He also collects letters people have put in their boxes for mailing. Occasionally, he has to knock on people's doors to deliver packages too big for the mailbox, or to get a signature to prove he delivered registered or certified mail.

1. Sam drives 14 miles a day on his delivery route. Mail is delivered six days a week. How many miles does he drive in three weeks? _____

2. It costs 32¢ to mail a letter. If you bought $40 worth of 32¢-stamps, how many letters could you mail? _____



3. One package cost $3.26 to mail. Another cost $4.19, and three others cost $5.02, $2.84, and $7.35. Altogether, how much for postage? _____

4. On Monday, Sam delivered 3,850 pieces of mail. On Tuesday, he delivered 895 less pieces. How many pieces of mail did he deliver on Tuesday? _____

5. A package weighs 144 ounces. That is how many pounds?

_____

6. There are 486 different addresses on Sam's route. Of these, 118 are businesses. How many are homes? _____

Solve the following:

7. $\begin{array}{r} 99 \\ \times\ 8 \\ \hline \end{array}$

8. $\begin{array}{r} 615{,}209 \\ 333{,}617 \\ +\ 189{,}490 \\ \hline \end{array}$

9. $50\overline{)350}$

10. $\begin{array}{r} 772 \\ -\ 679 \\ \hline \end{array}$

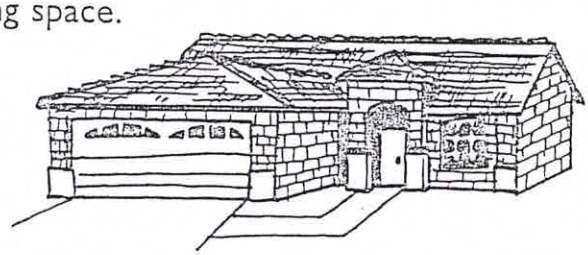
Name_____

ARCHITECT

Pamela is an architect. She designs all kinds of buildings such as houses, theaters, hospitals, stores, and office buildings. Her drawings show not only what the building will look like, but also all the details needed to make it usable. That includes heating and cooling systems, electrical wiring, plumbing, and the kinds of materials to be used for constructing the building. Builders follow the instructions on her drawings very carefully to make sure everything is done correctly.

1. A large office building has 436 windows on each of its four sides. How many windows in all? _____

2. One house will have 6,785 square feet of living space. Another house will have 8,900 square feet. How much less space in the smaller house? _____



3. Pamela designed a store with three floors. Her drawings showed where 573 light fixtures would be installed. The same number were on each floor. How many light fixtures per floor? _____

4. One of Pamela's houses cost $115,280 to build. Another cost $200,130, and a third cost $99,750. Altogether, how much to build the three houses? _____

5. A theater has five viewing screens. There are 288 seats in each room. How many people can watch movies at the same time? _____

6. Pamela designed a church with a 65-foot steeple. The roof of the church is one-half as high as the steeple. How high is the roof? _____

Solve the following:

7. $\begin{array}{r} 89 \\ 37 \\ +\ 65 \end{array}$

8. $22\overline{)1232}$

9. $\begin{array}{r} 308 \\ \times\ 15 \end{array}$

10. $\begin{array}{r} 962 \\ -\ 298 \end{array}$