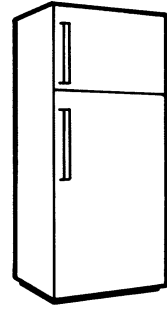


Directions: Calculate the simple interest.

Cost: \$500.00

Annual Rate of Interest: 9%

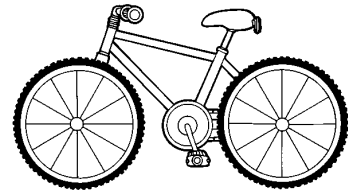
1. Interest paid annually _____
2. 12 equal payments to pay the loan plus the interest _____



Cost: \$160.00

Bi-annual Rate of Interest: 12.5%

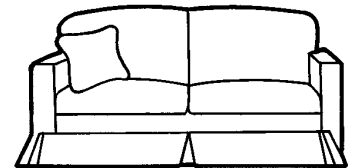
3. Interest paid in six months _____
4. 6 equal payments to pay the loan plus the interest _____



Cost: \$750.00

Annual Rate of Interest: 18%

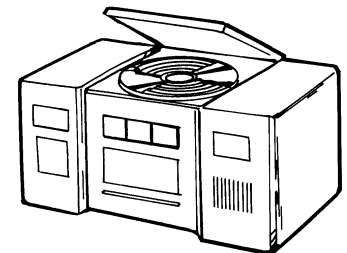
5. Interest paid in one year _____
6. 12 equal payments to pay the loan plus the interest _____



Cost: \$199.00

Annual Rate of Interest: 5%

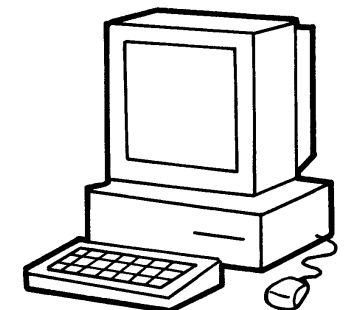
7. Interest paid over two years _____
8. 24 equal payments to pay the loan plus the interest _____



Cost: \$1,000.00

Annual Rate of Interest: 14.9%

9. Interest paid over two years _____
10. 24 equal payments to pay the loan plus the interest _____



Calculating Fractions, Decimals, and Percents

Directions: Some states require that out-of-state businesses pay a shipping tax to send goods to state residents. Refer to this table to do the problems below.

| | | |
|--------------------|--------------|--------|
| Alabama | AL | 8.00% |
| Maryland | MD | 5.75% |
| Georgia | GA | 4.00% |
| Illinois | IL | 2.00% |
| Indiana | IN | 5.00% |
| Kentucky | KY | 6.00% |
| Missouri | MO | 5.725% |

- Miguel lives in Maryland and purchased a sweater for \$39.99 from a catalog. Add the shipping tax. What's the total cost of the sweater? _____
- Mr. and Mrs. Wong paid a total of \$200.00 for an entertainment center for their home in Chicago, Illinois. The salesperson said that there was already a 2% shipping tax already added to the final price. What was the price of the entertainment center before the tax was added? _____
- Stuart lives in Alabama and recently joined a book club that will send a book to him every month. The books are \$15.00 each. The book club billing will include the shipping tax. What is the total amount that Stuart will have to pay for each book? _____
- The Middlebury High School band in Indiana is going to sell holiday ornaments to raise money for uniforms. Each ornament will cost \$5.00. How much is the shipping price per ornament? _____
- The Williams family live in Lexington, Kentucky. They recently purchased a computer for \$1,295.00. What is the total price for the computer after the shipping tax was added? _____

Directions: Complete the table below.

| | Fraction | Decimal | Percent |
|-----|----------------|---------|---------|
| 1. | $\frac{1}{10}$ | | |
| 2. | | .25 | |
| 3. | | | 45% |
| 4. | | | 15% |
| 5. | $\frac{4}{5}$ | | |
| 6. | $\frac{5}{6}$ | | |
| 7. | | | |
| 8. | $\frac{1}{20}$ | | |
| 9. | | .222 | |
| 10. | | | 40% |