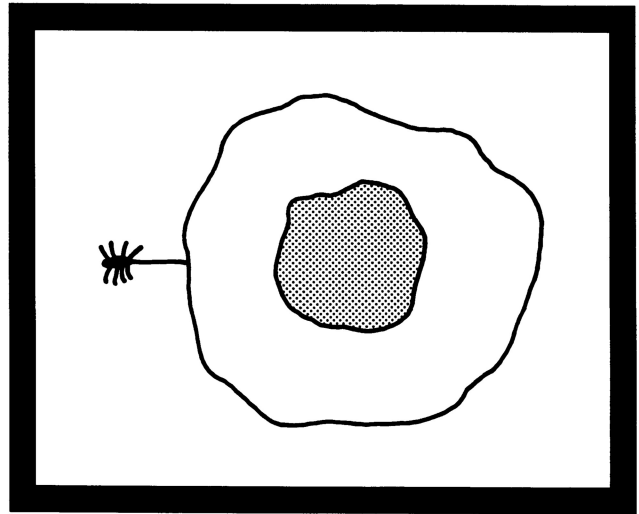


# What Is the Title?

TO FIND THE TITLE OF THIS PICTURE:

Do each exercise below and find your answer in the code. Each time the answer appears, write the letter of the exercise above it.



CODED TITLE:

\$840	\$27	\$943	\$210	\$31.50	\$36	\$425	\$421.60	\$1,800	\$1,200	\$943	\$96	\$3,780
\$938	\$225	\$3,810	\$1,270	\$36	\$943	\$31.50	\$210	\$1,340	\$31.50	\$3,780	\$3,780	

I. Find the interest.

- |  |   |   |
|--|---|---|
| (N) savings account<br>deposit: \$800<br>rate: 6% per year<br>time: 2 years      | (D) savings account<br>deposit: \$1,400<br>rate: 5% per year<br>time: 3 years | (O) auto loan<br>borrow: \$5,000<br>rate: 12% per year<br>time: 3 years               |
| (A) personal loan<br>borrow: \$1,250<br>rate: 9% per year<br>time: 2 years       | (E) checking account<br>deposit: \$700<br>rate: 4.5% per year<br>time: 1 year | (P) credit card cash advance<br>borrow: \$300<br>rate: 18% per year<br>time: 6 months |
| (W) money-market fund<br>invest: \$6,000<br>rate: 8% per year<br>time: 2.5 years | (R) savings bond<br>invest: \$50<br>rate: 7.2% per year<br>time: 10 years     | (S) home improvement loan<br>borrow: \$2,000<br>rate: 10.5% per year<br>time: 4 years |

II. Solve. (Interest-ing problems.)

- |   |   |
|---|---|
| (T) Aldo put \$400 into a savings account that paid an interest rate of 5.4% per year. What was the total amount in his account at the end of 1 year?<br>(Total amount = principal plus interest) | (F) Gretchen invested \$1,000 in a certificate of deposit (CD) that paid interest at a rate of 9% per year. How much was the CD worth at the end of 3 years?      |
| (I) Suzanne borrowed \$820 from a bank for one year. If the annual interest rate was 15%, what was the total amount she owed the bank at the end of the year?                                     | (G) Rolex borrowed \$3,600 from a credit union for 6 months at an interest rate of 10% per year. How much did he owe the credit union at the end of the 6 months? |

# The Wrong Thing to Say While Performing Brain Surgery

\$7651	\$765		\$922.25	\$48,776		\$2960		\$4454.40
		\$78						\$4.65
\$391.20			\$90		\$3.75	\$84		\$390
	\$30		\$4391			\$7643	\$34	\$772
\$370			\$386.40	\$92	\$927.75	\$47,338		\$1306.40

Shade in the area containing each solution.

- Michael deposited \$300 in a savings account that paid 6% simple interest. He made no deposits or withdrawals for 5 years.
  - How much interest did Michael earn in 5 years?
  - How much money was in Michael's account at the end of 5 years?
- Sharon invested \$5000 in a certificate of deposit (CD) that paid 7.4% simple interest. She held the CD for 8 years.
  - How much interest did Sharon earn each year?
  - How much interest did Sharon earn in 8 years?
- Tonka borrowed \$920 from a bank at 14% simple interest. After 3 years, he paid back the loan plus the interest.
  - How much interest did Tonka pay?
  - How much did Tonka pay back altogether?
- Jenny took a cash advance of \$250 on her credit card. The interest rate was 1.5% per month. After 8 months, she paid back the cash advance.
  - How much interest was Jenny charged each month?
  - How much interest did Jenny pay altogether?
- Ms. Zling deposited \$850 in a savings account that paid 4.25% simple interest. What was the balance in her account at the end of 2 years?
- Rolex borrowed \$3200 from his credit union for 4 years. He was charged 9.8% simple interest. What was the total amount he owed the credit union?
- Mr. Benchgrinder bought a \$500 bond that paid 5.3% simple interest. What was the value of the bond at the end of 10 years?
- Carlos took out a home-improvement loan for \$28,000. He agreed to pay back the loan plus 10.6% simple interest at the end of 7 years. How much did Carlos owe then?
- Mai invested \$7000 in a money-market fund that paid 6.2% simple interest. What was the value of her account at the end of 18 months?
- Dr. Glock had an average balance of \$400 on her credit card account for one year. She paid 1.75% interest per month. How much interest did she pay altogether?