

# 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?

# What Do You Get When You...

## 1 Cross a lightning storm with a cashew farm?

$\overline{\$9.22}$   $\overline{10.5\%}$   $\overline{16.6\%}$   $\overline{165.2\%}$   $\overline{7.4\%}$   $\overline{8.2\%}$   $\overline{\$9.22}$   $\overline{21.4\%}$   $\overline{161.5\%}$   $\overline{150\%}$   $\overline{42.9\%}$   $\overline{11.2\%}$   $\overline{16.6\%}$   $\overline{165.2\%}$

## 2 Cross a weeping willow with a UFO?

$\overline{8.2\%}$   $\overline{\$9.15}$   $\overline{6.1\%}$   $\overline{60.9\%}$   $\overline{75.9\%}$   $\overline{33.3\%}$   $\overline{\$9.22}$   $\overline{27.3\%}$   $\overline{58.1\%}$   $\overline{165.2\%}$   $\overline{8.2\%}$   $\overline{10.5\%}$   $\overline{6.1\%}$   $\overline{117.4\%}$   $\overline{60.9\%}$



Do each exercise and find your answer in the code (some answers are rounded).  
Each time the answer appears, write the letter of the exercise above it.



Find the percent of increase or decrease.

- G. 55 mph to 70 mph      E. 92 lb to 200 lb      A. 5 ft 1 in. to 5 ft 6 in.  
D. 70 mph to 55 mph      Y. 18.7 kg to 4.5 kg      I. 4.72 billion to 3.15 billion

Solve.

- O. Adding cheese to a McDonalds' Quarter Pounder increases the fat content from 21 g to 30 g. What is the percent of change?
- U. In 10 years, the average number of hours of TV watched per week by teenagers dropped from 23.9 to 21.4. Find the percent of change.
- L. Both Bert and Ernie received an increase in their weekly salaries. Bert's salary increased from \$520 to \$570. Ernie's salary went from \$580 to \$645. Find the percent of increase for each salary. What was the larger of the two percents?
- C. Mr. Buckle bought 100 shares of Abacus Corp. stock at \$36.75 per share and sold them at \$34.50 per share. What was his percent loss?
- B. In order to get more light into a room, Mr. Lumen replaced a 3 by 4 ft window with a 5 by 6 ft window. What was the percent of increase in the area of glass?
- S. World population increased from 2.3 billion in 1900 to 6.1 billion in 2000. What was the percent of increase?
- T. During a sale, the price of a pair of running shoes was marked down from \$89.95 to \$75.00. What was the percent discount?
- N. Barbara was earning \$8.70 per hour when she got a 6% increase in pay. What was her rate of pay after the increase?
- R. The town of Pleasantville conducted a 5-year crime prevention program. Based on the graph, what was the percent of change in the number of crimes from Year 1 to Year 5.

