

## How Do You Make a Vegetable Necklace?

Use the information given in the chart to fill in the missing values. In the rectangle below, cross out the box containing each correct answer. When you finish, write the letters from the remaining boxes in the spaces at the bottom of the page.

Article on Sale	Original Price	Percent Discount	Amount of Discount	Sale Price
1. calculator	\$12	25%	\$3	\$9
2. tent	\$90	25%	\$22.50	\$67.50
3. sweater	\$65	25%	\$16.25	\$48.75
4. dress	\$78.00	15%	\$11.70	\$66.30
5. camera	\$129.50	40%	\$51.80	\$77.70
6. sports jacket	\$140	35%	\$49	\$91
7. tape deck	\$299.95	20%	\$59.99	\$239.96
8. VCR	\$575.00	10%	\$57.50	\$517.50
9. racing bike	\$360	33 $\frac{1}{3}$ %	\$120	\$240

<del>DO</del>	<del>Y</del>	<del>FI</del>	<del>ST</del>	<del>OU</del>	<del>OP</del>	<del>AR</del>	<del>R</del>
<del>\$317.50</del>	<del>\$51.86</del>	<del>\$67.50</del>	<del>\$508.50</del>	<del>\$59.99</del>	<del>\$240</del>	<del>\$11.70</del>	<del>\$75.20</del>
<del>ST</del>	<del>IN</del>	<del>TO</del>	<del>RI</del>	<del>GB</del>	<del>A</del>	<del>OX</del>	<del>OF</del>
<del>\$9</del>	<del>\$43.75</del>	<del>\$120</del>	<del>\$49</del>	<del>\$69.30</del>	<del>\$3</del>	<del>\$239.96</del>	<del>\$16.25</del>
<del>P</del>	<del>EA</del>	<del>T</del>	<del>RY</del>	<del>CA</del>	<del>NS</del>	<del>H</del>	<del>UP</del>
<del>\$91</del>	<del>\$227.86</del>	<del>\$66.30</del>	<del>\$48.75</del>	<del>\$57.50</del>	<del>\$64.50</del>	<del>\$22.50</del>	<del>\$77.70</del>

**S T R I N G B E A N S**  
S N BEANS

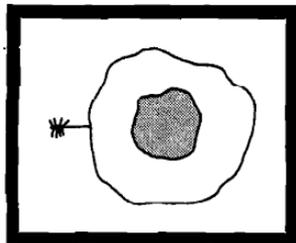
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TOPC 2: Problem Solving  
Discounts and Sale Prices

## 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.

**S P I D E R T O W I N G**  
\$840 \$27 \$943 \$210 \$31.50 \$36 \$425 \$421.60 \$1,800 \$1,200 \$943 \$96 \$3,780  
**A F R I E D E G G**  
\$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 deposit: \$800 rate: 6% per year time: 2 years **\$96**
- (D) savings account deposit: \$1,400 rate: 5% per year time: 3 years **\$210**
- (O) auto loan borrow: \$5,000 rate: 12% per year time: 3 years **\$1,800**
- A personal loan borrow: \$1,250 rate: 9% per year time: 2 years **\$225**
- E checking account deposit: \$700 rate: 4.5% per year time: 1 year **\$31.50**
- (P) credit card cash advance borrow: \$300 rate: 18% per year time: 6 months **\$27**
- (W) money-market fund Invest. \$6,000 rate: 8% per year time: 2.5 years **\$1,200**
- (R) savings bond invest: \$50 rate: 7.2% time: 10 years **\$36.00**
- (S) home improvement loan borrow: \$2,000 rate: 10.5% time: 4 years **\$840**

II Solve (Interest-in) 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? **\$421.60**
- (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? **\$1,270**
- (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? **\$943**
- (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? **\$3,780**

TOPC 2k Problem Solving Simple Interest

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