

HW 35

# What Does An Artificial Snow Machine Make?

Do each exercise below. Find your answer in the answer column and notice the letter next to it. Look for this letter in the string of letters near the bottom of the page and CROSS IT OUT each time it appears. When you finish, write the remaining letters in the rectangle at the bottom of the page.

## I. Find the percent of the number.

- ① 120% of 70
- ② 200% of 12.5
- ③ 0.4% of 980
- ④ 0.16% of 600
- ⑤ 180% of 7.5
- ⑥ 350% of 32
- ⑦ 0.9% of 1,600
- ⑧ 0.25% of 400

## II. Solve.

- ⑨ A special vitamin capsule provides 250% of the vitamin C needed daily. If 60 mg of vitamin C are needed daily, how many milligrams of vitamin C are in the capsule? \_\_\_\_\_ mg
- ⑩ The number of calories in a hot fudge sundae is 300% of the number in a dish of plain vanilla ice cream. If the ice cream has 150 calories, how many calories are in the sundae? \_\_\_\_\_ cal
- ⑪ The value today of a certain rare coin is 140% of its value 2 years ago. If the coin was worth \$190 then, what is it worth today? \$ \_\_\_\_\_
- ⑫ The money in Laura's savings account is earning interest at the rate of 0.5% per month. If she has \$1,450 in the account, how much interest is she earning each month? \$ \_\_\_\_\_
- ⑬ An ore is 0.75% pure gold. How many kilograms of gold are in 500 kg of ore? \_\_\_\_\_ kg
- ⑭ A Boeing 747 weighs about 750,000 lb. The original Wright Brothers' plane weighed 0.1% of this. How much did the Wright Brothers' plane weigh? \_\_\_\_\_ lb
- ⑮ Six weeks ago, Qwerty could type 20 words per minute. But he has been practicing. Now his speed is 175% of his speed 6 weeks ago. How fast can he type now? \_\_\_\_\_ wpm

## Answers

- Ⓚ 132
- Ⓨ 3.92
- Ⓟ 450
- Ⓡ 35
- ⓗ 14.4
- Ⓜ 84
- Ⓛ 7.25
- Ⓢ 38
- ⓖ 0.96
- Ⓝ 4.45
- Ⓜ 1
- Ⓒ 25
- Ⓤ 266
- Ⓡ 750
- Ⓥ 112
- Ⓞ 12.8
- Ⓑ 150
- Ⓣ 3.75
- Ⓕ 620
- Ⓓ 13.5
- Ⓦ 425

R I B S T G H N Y V P O R T W M J F L I G A T C D K H E R U P S

ANSWER TO PUZZLE:

HW 35

# 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%		
2. tent	\$90	25%		
3. sweater	\$65	25%		
4. dress	\$78.00	15%		
5. camera	\$129.50	40%		
6. sports jacket	\$140	35%		
7. tape deck	\$299.95	20%		
8. VCR	\$575.00	10%		
9. racing bike	\$360	$33\frac{1}{3}\%$		

DO	Y	FI	ST	OU	OP	AR	R
\$517.50	\$51.80	\$67.50	\$508.50	\$59.99	\$240	\$11.70	\$75.20
ST	IN	TO	BI	GB	A	OX	OF
\$9	\$43.75	\$120	\$49	\$69.30	\$3	\$239.96	\$16.25
P	EA	T	RY	CA	NS	H	UP
\$91	\$227.86	\$66.30	\$48.75	\$57.50	\$64.50	\$22.50	\$77.70

--	--	--	--	--	--	--	--	--	--	--