## $A-B-C-U$ in SEATTLE

(An activity sponsored by The NCTM-1980 Seattle Meeting)

TOPIC: Addition and Problem-Solving
MATERIALS: Paper and pencil
FORMAT: Large group working individually

## DIRECTIONS:

1. The teacher writes the following chart on the chalkboard or an overhead transparency.


| $A=1 \phi$ | $E=5 \phi$ | $I=9 \phi$ | $M=13 \phi$ | $Q=17 \phi$ | $U=21 \phi$ | $Y=25 \phi$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $B=2 \phi$ | $F=6 \phi$ | $J=10 \phi$ | $N=14 \phi$ | $R=18 \phi$ | $V=22 \phi$ | $Z=26 \phi$ |
| $C=3 \phi$ | $G=7 \phi$ | $K=11 \phi$ | $O=15 \phi$ | $S=19 \phi$ | $W=23 \phi$ |  |
| $D=4 \phi$ | $H=8 \phi$ | $L=12 \phi$ | $P=16 \phi$ | $T=20 \phi$ | $X=24 \phi$ |  |

2. The value of a word is the sum of the values of the letters.

Examples: CAB is worth $6 \phi$
MATH is worth $42 \phi$

NCTM is worth $50 \$$
$C A$
$3 \phi+1 \phi+2 \phi=6 \phi$

| $M$ |
| :--- |
| $13 \phi+1 \phi+\stackrel{T}{T}$ |
|  |


3. How much is "Seattle" worth?
4. What is the value of your first name; your last name?
5. Find the value of these words: FUN, CENTER, APRIL, YOU.
6. Find a three-letter word worth $10 \Varangle(B A G)$, a four-letter word worth $20 \$$ (FEED).
7. Find a word worth $25 \$, 75 \phi, \$ 1, \$ 1.25, \$ 1.50$.
8. If the value of each letter is doubled, will the word value double?
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The National Council of Teachers of Mathematics (NCTM) unveils "The Curriculum of the 1980s" at the 58th Annual Meeting - April 16-19, 1980, The Seattle Center, Seattle, Washington.

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