

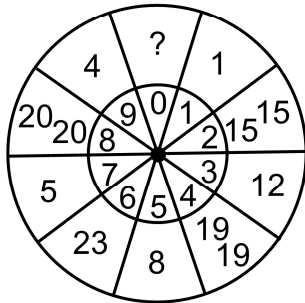
# Alphabetic Math

Sarah Brian

Difficulty: Medium

Instructions:

0	1	2	TOTAL	
SOME	3	4	5	6 =
7	+	8	LOTS	9



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You are presented a postcard with a box of letters, words and symbols, a wheel with numbers, and the dashed lines indicating the answer result. This is an encoding and logic puzzle. Two words are added together to form a word, unique values 0-9 are given to those letters to solve the summation. Those numbers are then translated into a second set of numbers that represent letters of the alphabet. Unscramble these to get the answer.

Solve the summation to get values for each letter.

$$\begin{array}{r}
 \text{SOME} \\
 + \text{LOTS} \\
 \hline
 \text{TOTAL}
 \end{array}
 \quad
 \begin{array}{ll}
 \text{S} = 6 & \text{A} = 0 \\
 \text{O} = 5 & \text{L} = 8 \\
 \text{M} = 9 & \text{E} = 2 \\
 \text{T} = 1 &
 \end{array}$$

Convert each number from above into another value using the wheel.

$$\begin{array}{ll}
 0 = ? & 6 = 23 \\
 1 = 1 & 8 = 20, 20 \\
 2 = 15, 15 & 9 = 4 \\
 5 = 8 &
 \end{array}$$

Convert each new value to the letter it stands for in the alphabet.

$$\begin{array}{ll}
 0 = ? & 23 = W \\
 1 = A & 20, 20 = T, T \\
 15, 15 = O, O & 4 = D \\
 8 = H &
 \end{array}$$

Unscramble the letters to form the answer.  
What to do?

Answer: What to do?

Hints:

1. Add the words together.
2. **SOME + LOTS = TOTAL**
3. **T = 1**
4. 0-26 represents the letters in the alphabet