

## *Symmetry on the BRAIN*

I've divided the alphabet into five categories as shown below.

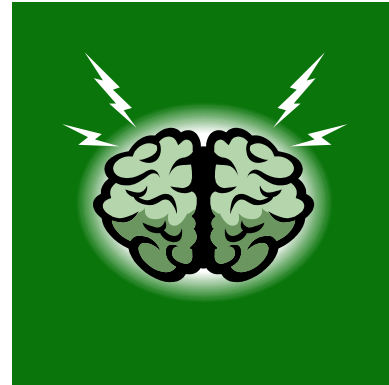
(1) S Z

(2) M T U V W Y

(3) C D E K

(4) H O X

(5) F G J L P Q



- Can you identify the category to which each letter of the word **BRAIN** belongs?
- Write a sentence or two to explain your choice.

**Find other five letter words whose letters each belong in different categories.**

## The Symmetry of Language

<b>A B C D E F G H I J K L M</b>
<b>N O P Q R S T U V W X Y Z</b>

Look at the letters above. All 26 letters of the alphabet are included.

1. The letter **M** has vertical symmetry. List all other letters that have vertical symmetry.
2. The letter **E** has horizontal symmetry. List all other letters that have horizontal symmetry.
3. What letters have both types of symmetry?

4. The word 

V
O
M
I
T

 has vertical symmetry when written top to bottom.

List some other words that have this property.

5. The word **W O W** has vertical symmetry when written left to right.

List some other words or names that have this property.