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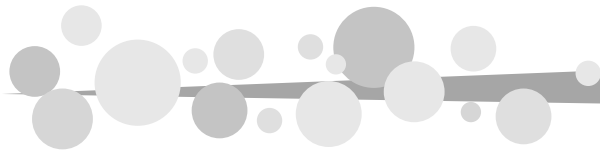
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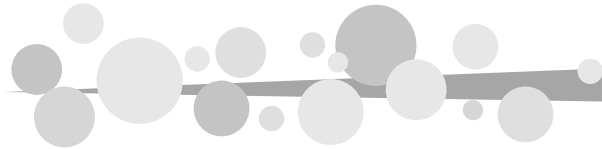


Directions: The parts of the nervous system are written in code. Solve the code and match each part to what it does. Use the letters and descriptions from the box below. The first one has been done for you.

Hint: When solving the code, the “y” always stands for “b.” The “i” always stands for “r.” Fill in all the letters in the words below using the letters from the example. When you figure out a letter, write it everywhere it appears.

1. $\frac{b}{y}$ $\frac{r}{i}$ $\frac{a}{z}$ $\frac{i}{r}$ $\frac{n}{m}$ $\frac{s}{h}$ $\frac{t}{g}$ $\frac{e}{v}$ $\frac{m}{n}$
2. $\frac{\quad}{h}$ $\frac{\quad}{v}$ $\frac{\quad}{m}$ $\frac{\quad}{h}$ $\frac{\quad}{v}$ $\frac{\quad}{l}$ $\frac{\quad}{i}$ $\frac{\quad}{t}$ $\frac{\quad}{z}$ $\frac{\quad}{m}$
3. $\frac{\quad}{m}$ $\frac{\quad}{v}$ $\frac{\quad}{i}$ $\frac{\quad}{e}$ $\frac{\quad}{v}$ $\frac{\quad}{h}$
4. $\frac{\quad}{y}$ $\frac{\quad}{i}$ $\frac{\quad}{z}$ $\frac{\quad}{r}$ $\frac{\quad}{m}$
5. $\frac{\quad}{x}$ $\frac{\quad}{v}$ $\frac{\quad}{i}$ $\frac{\quad}{v}$ $\frac{\quad}{y}$ $\frac{\quad}{i}$ $\frac{\quad}{f}$ $\frac{\quad}{n}$
6. $\frac{\quad}{x}$ $\frac{\quad}{v}$ $\frac{\quad}{i}$ $\frac{\quad}{v}$ $\frac{\quad}{y}$ $\frac{\quad}{v}$ $\frac{\quad}{o}$ $\frac{\quad}{o}$ $\frac{\quad}{f}$ $\frac{\quad}{n}$
7. $\frac{\quad}{h}$ $\frac{\quad}{k}$ $\frac{\quad}{r}$ $\frac{\quad}{m}$ $\frac{\quad}{z}$ $\frac{\quad}{o}$ $\frac{\quad}{x}$ $\frac{\quad}{l}$ $\frac{\quad}{i}$ $\frac{\quad}{w}$

- A. the organ that controls all the other organs in the body
- ~~B.~~ controls the automatic workings of the intestines, lungs, and heart
- C. receives input from the environment
- D. carries signals to the brain
- E. send signals from all parts of the body to the brain
- F. the part of the brain that allows physical movement
- G. lets you speak, think, and see



1. No wind had been predicted. So when Joyce woke up, she found it startling that a strong wind was blowing. Thinking of the word “startling” made her think of a word puzzle:

Joyce writes the word “startling.” The wind blows one of the letters away (L), leaving behind another word “starting.” Then the wind continues to blow one letter away at a

startling _____

starting _____



2. Can you change one letter at a time to make “storm” into “gale”? Each step must produce a real word. You must drop one letter before reaching the end. Here’s an example of how to solve this type of puzzle.

front → font → fond → fold → cold

Now you try:

storm → _____ → _____ → _____ → _____ → _____ → gale

3. Can you find six small words spelled *in order* within the word “tornado”?
