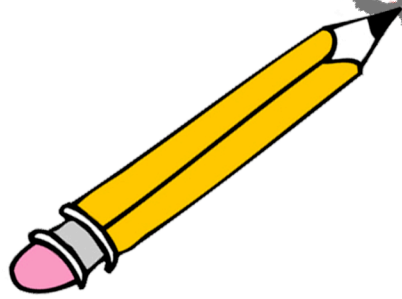
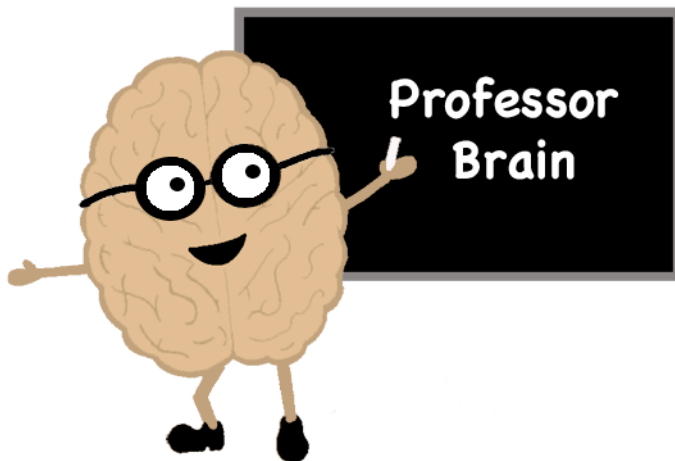
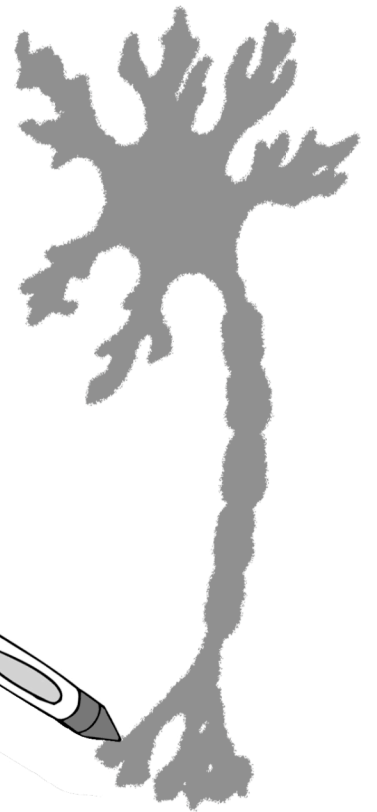


# Bumpy Brains



## Zany Brainy Activities



[www.bumpybrains.com](http://www.bumpybrains.com)

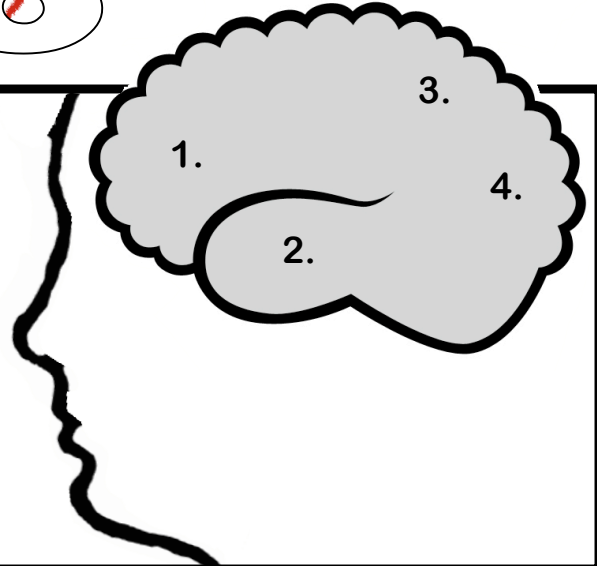
# Bumpy Brains

## Info

**Brain = made of brain cells**

***Parts of the brain:***

1. **Frontal lobes = pay attention, stop from acting out**
2. **Temporal lobes = hearing, memory, recognizing faces**
3. **Parietal lobes = touch**
4. **Occipital lobes = vision**



**Neuron = brain cells**

***Parts of a neuron:***

**Dendrites = receive information (from other neurons)**

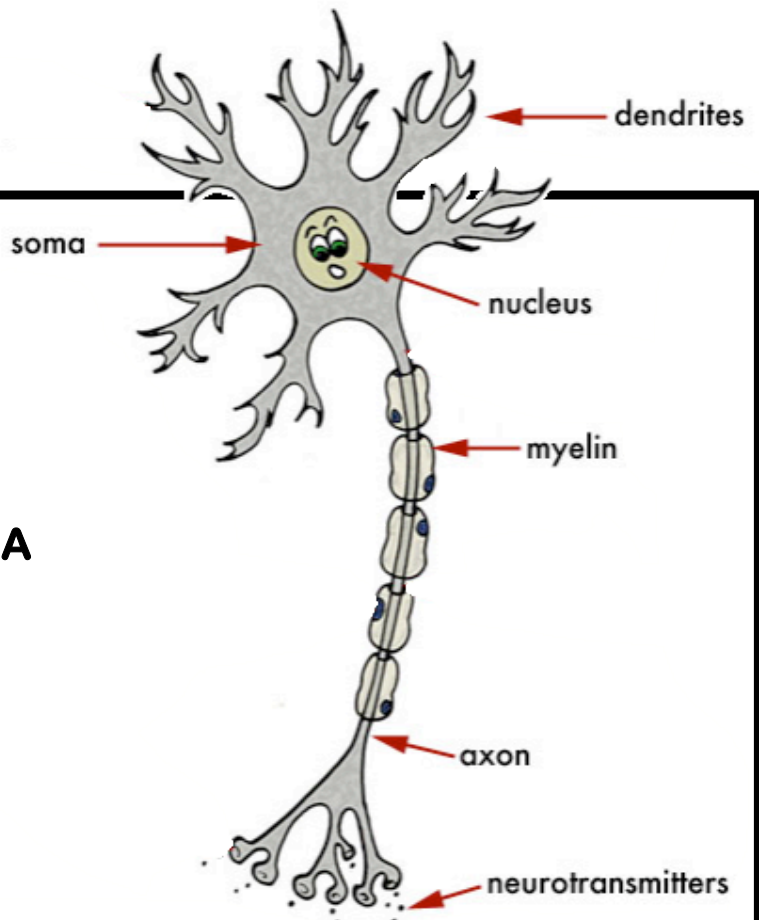
**Soma = cell body**

**Nucleus = in soma, contains DNA**

**Axons = send information**

**Myelin = covers axon to speed messages**

**Neurotransmitters = chemical messengers**



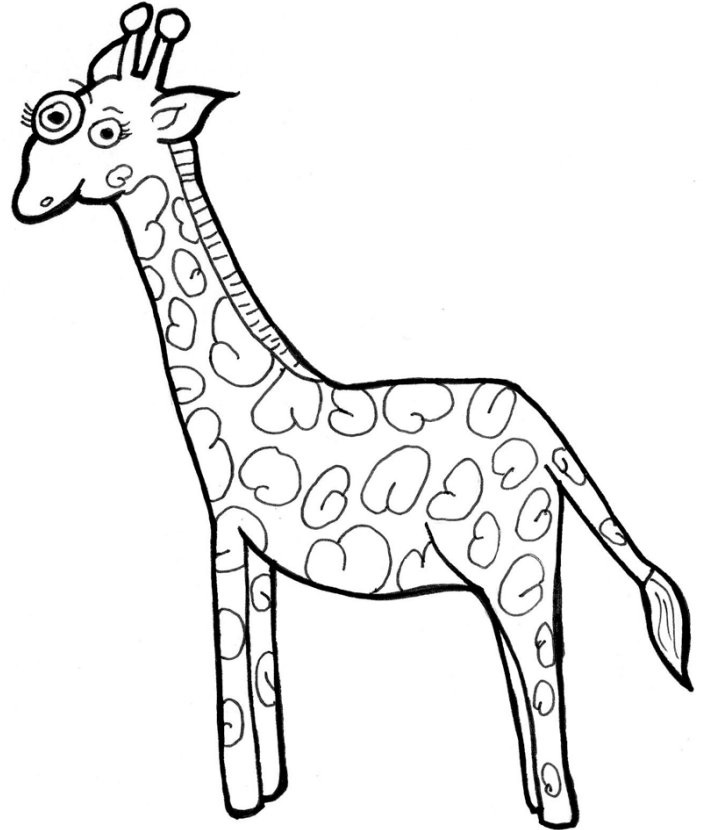
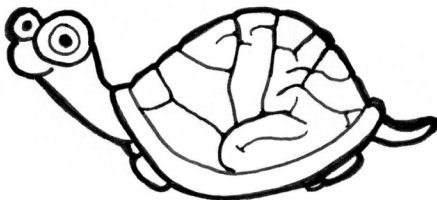
# Bumpy Brains

## Color!

**Beaver brains are small and smooth.**



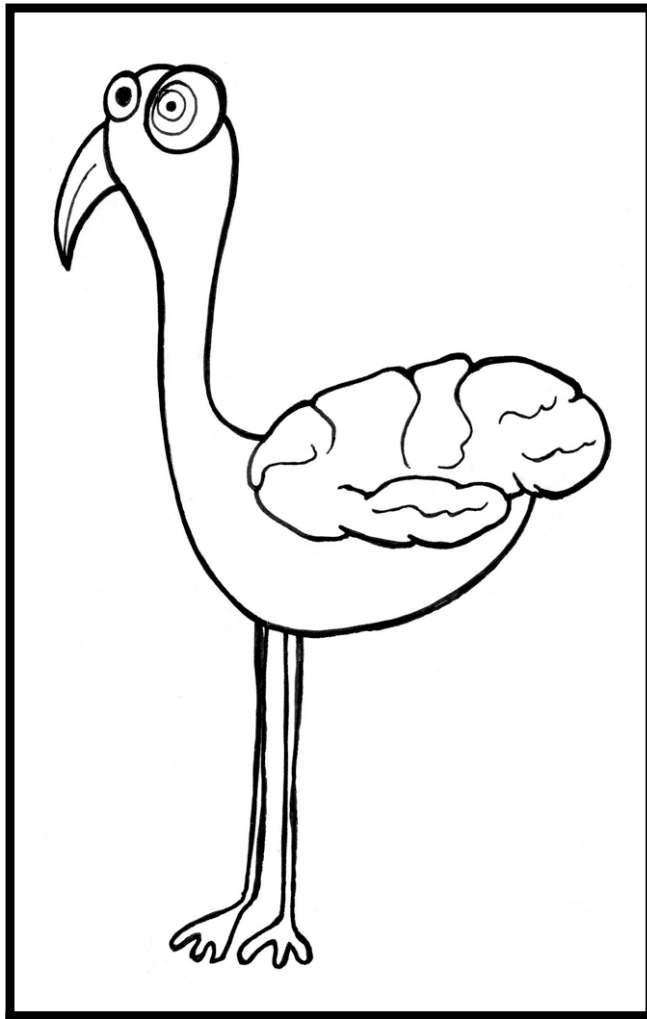
**Turtle brains are slow.**



**Giraffes have a special nervous system that allows blood flow to the brain when standing upright, but slows the flow from brain when the giraffe must lower her head to drink.**

# Bumpy Brains

## Color!

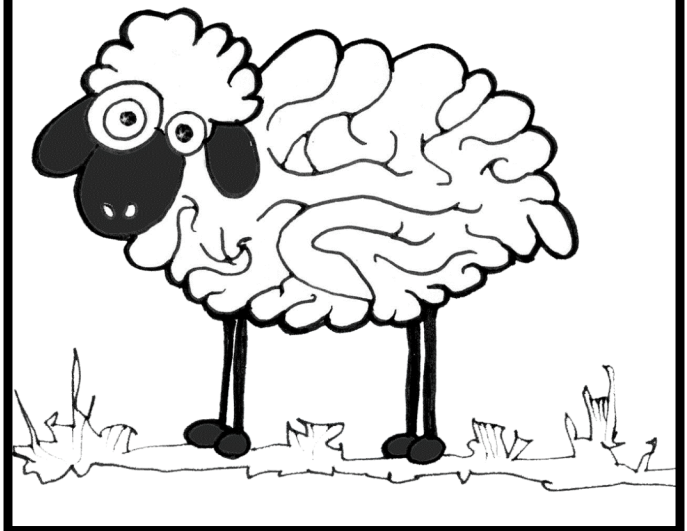


**Flamingo brains are smaller than their eyes.**



**A koala's skull is filled with 1/2 fluid and 1/2 brain.**

**Baaah-rain**



# Bumpy Brains

# Color!

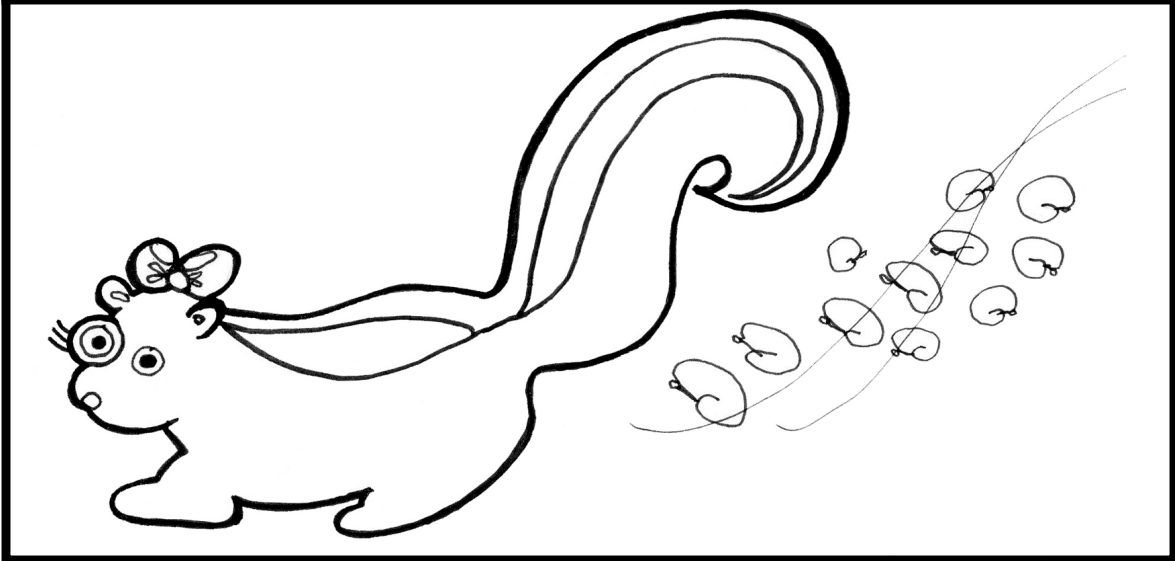


**A nut?**



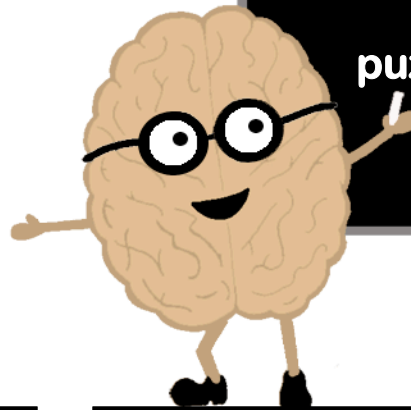
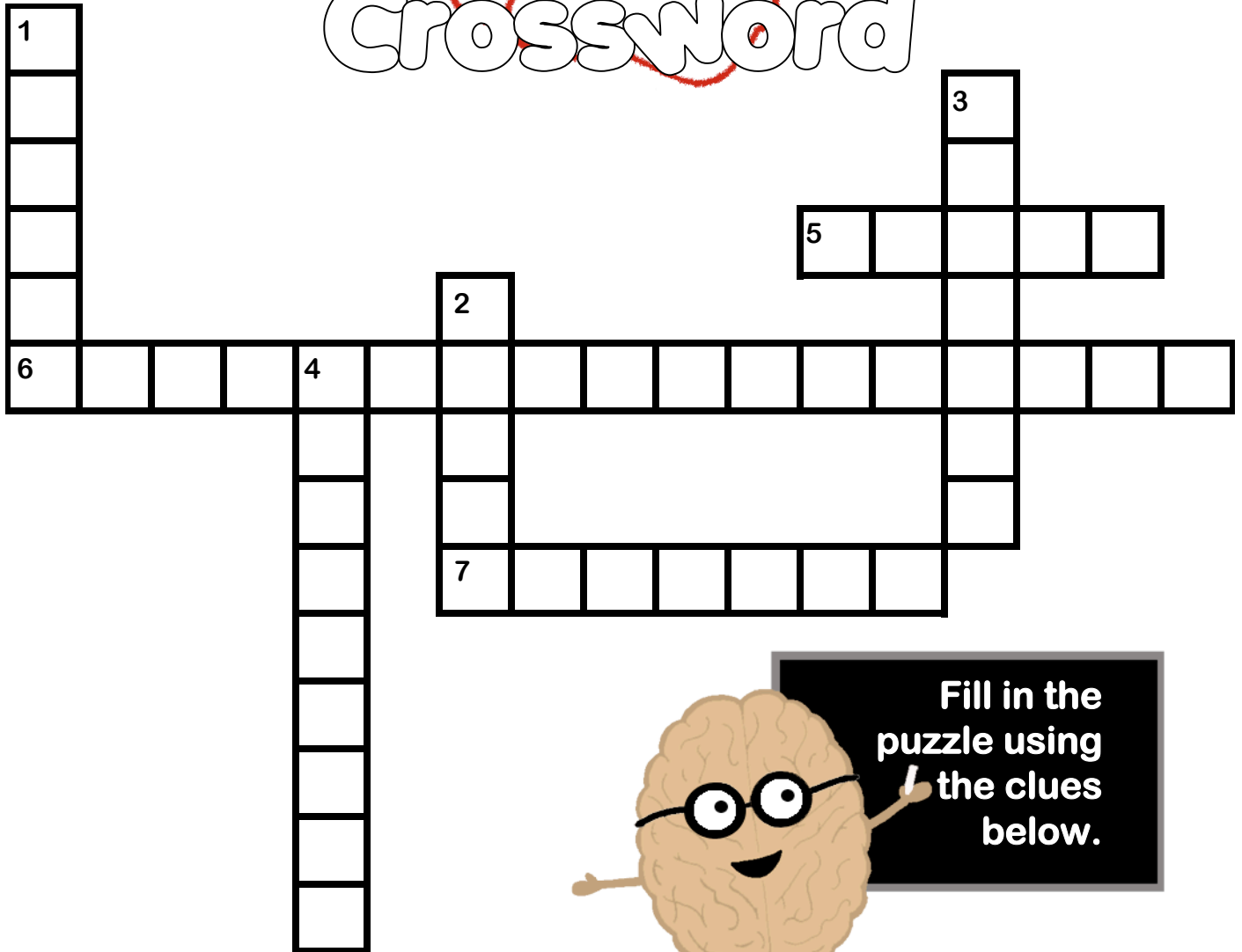
**Brrrr-ain.**

**Skunk brains smell.**



[www.bumpybrains.com](http://www.bumpybrains.com)

# Bumpy Brains Crossword



Fill in the  
puzzle using  
the clues  
below.

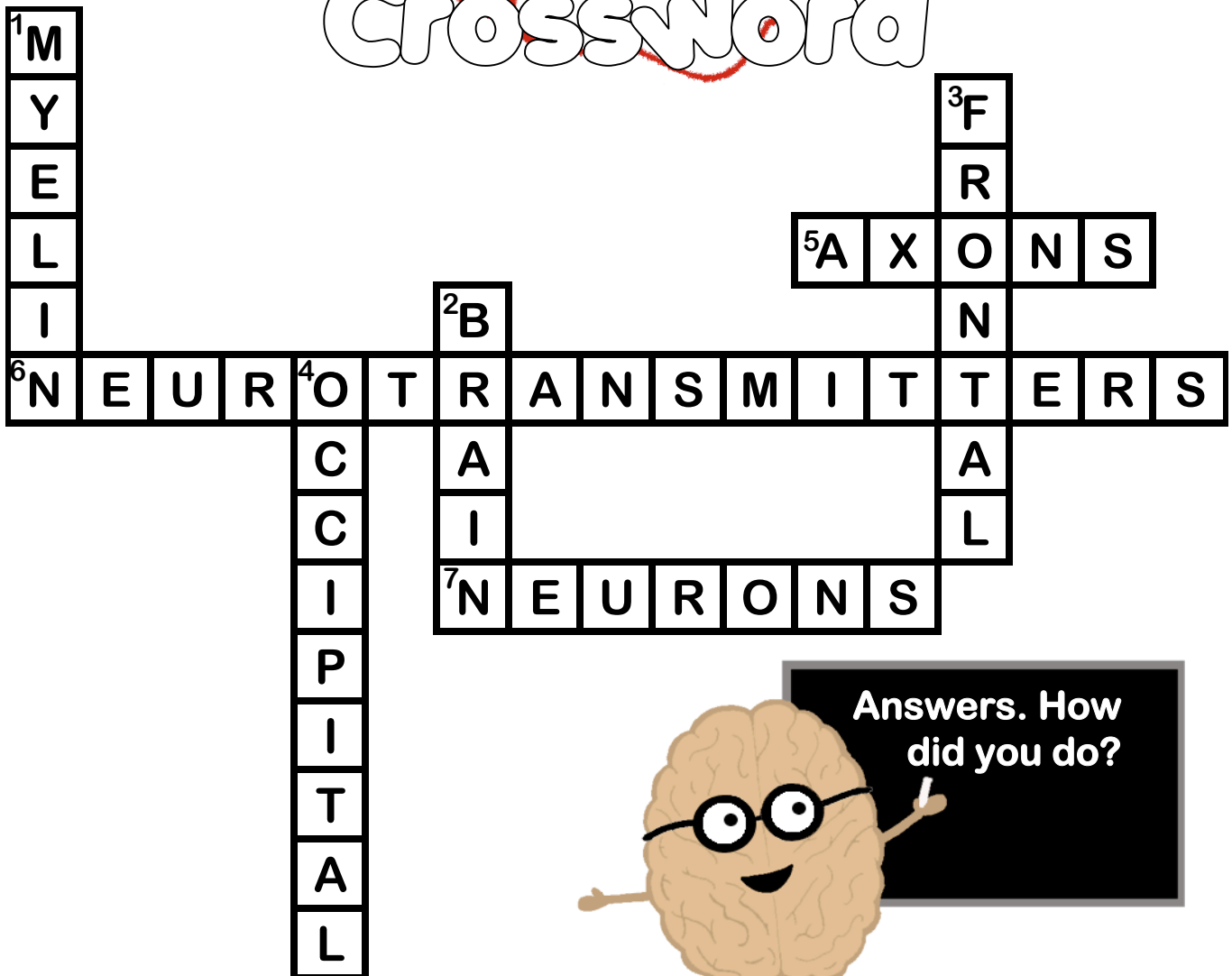
## Down

1. Axons are covered with \_\_\_
2. Inside the skull is \_\_\_
3. The lobe behind the eyes
4. The vision lobe

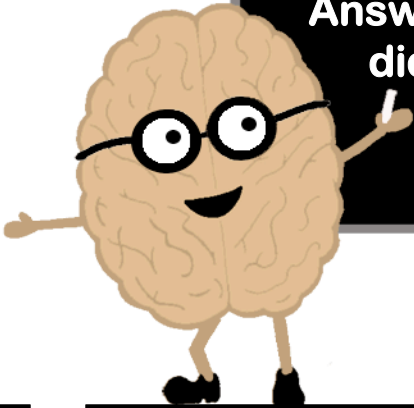
## Across

5. Send messages
6. Chemical messengers
7. Brain cells

# Bumpy Brains Crossword



Answers. How did you do?

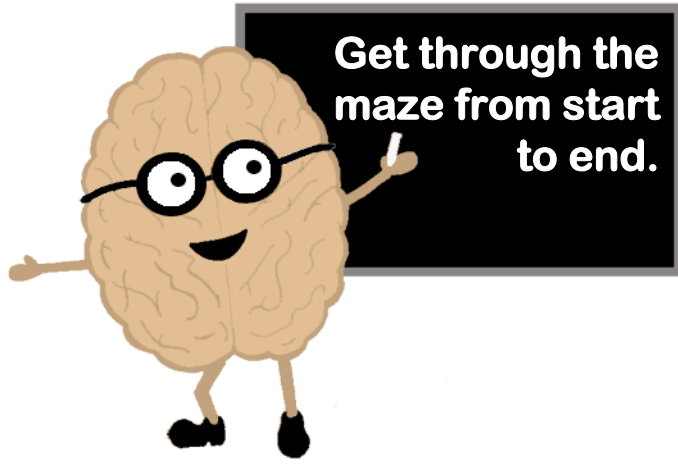
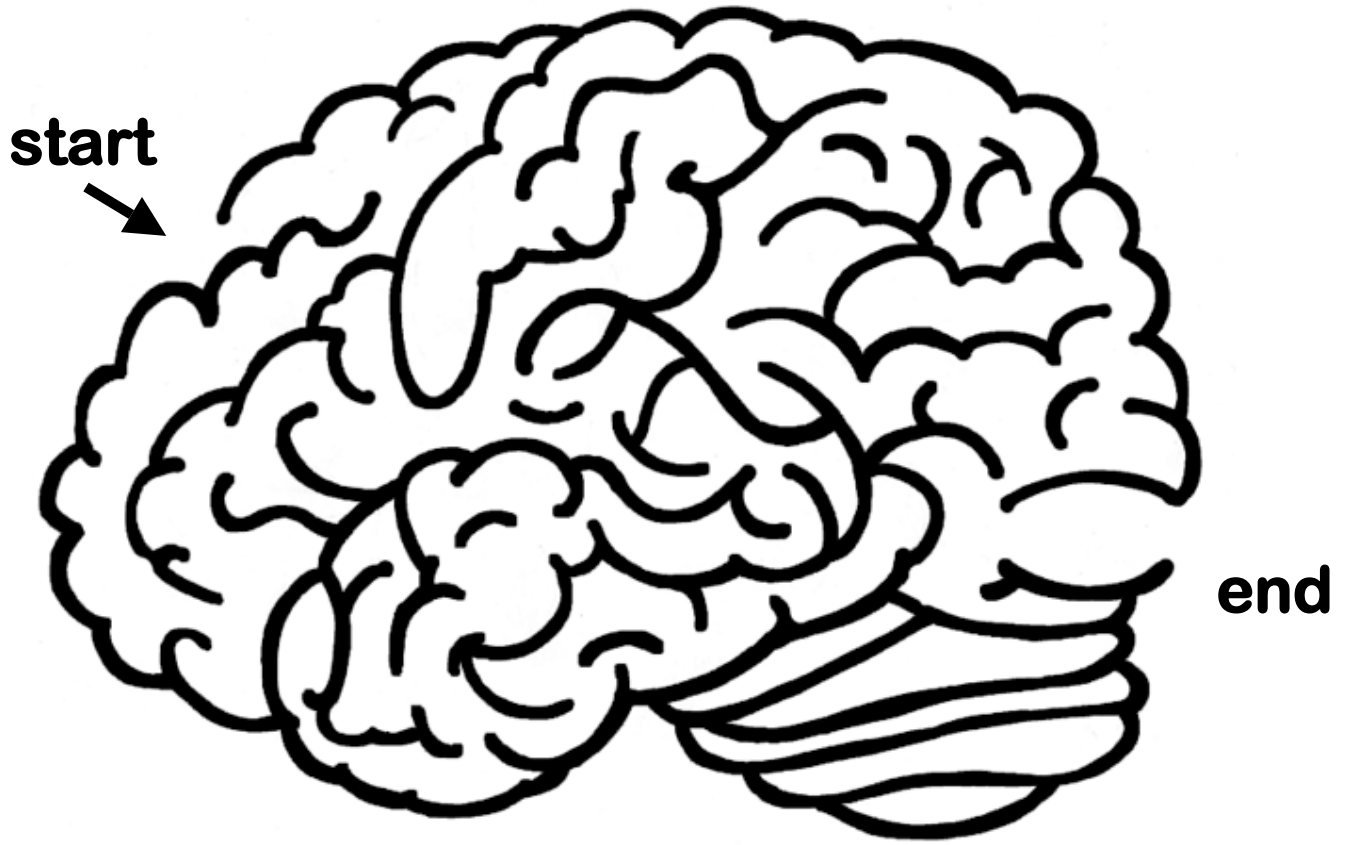


- Down**
1. Axons are covered with \_\_\_
  2. Inside the skull is \_\_\_
  3. The lobe behind the eyes
  4. The vision lobe

- Across**
5. Send messages
  6. Chemical messengers
  7. Brain cells



# Bumpy Brains Maze





# Bumpy Brains

## Word Finding

q e w y f d e a e r t p a r y p z x t r  
 r s d t m o t e m p o r a l e a o u h q  
 n o u v z h g f v a i m p m j r f i g a  
 r f q l j a z x e z s u l e a i p h k s  
 e g a a c e d l h i r e c d t e a e l c  
 t k h p a i s z w h n x o a n t s t b o  
 t o r x h v g b r a i n e c q a d i e r  
 i l c d a f h j o n d o i e r l f r m h  
 m c r u m y e l i n r n y r f t o d n y  
 s n o y g q a v o t e p n z b l k n p l  
 n c e t y d r e l a t n o r f n m e h o  
 a l o u x a h y o r h u t s e d h d t b  
 r g j d r u y x b s a z s u l a r e f e  
 t b b e s o f d e j o l n q a e x t y t  
 o o a i k n n l c e v h a e q y f o a h  
 r p e q i q o b a d r c o r t e x m n p  
 u y d s j f a c u z d r w b m z g e o s  
 e l g y r i r l x j q p o j e f s a z d  
 n v c x s m e h g l a t i p i c c o m e  
 u m k l h a m o s p d l f m s e k g f l

- brain
- neuron
- cortex
- lobe
- parietal
- temporal
- occipital
- frontal
- sulci
- gyri
- neurotransmitter
- axon
- dendrite
- myelin
- soma

Find the words.

