



BRAIN

SOLUTION

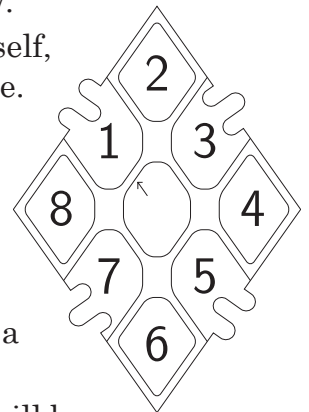
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Puzzle 9 (meta)

You've finally made it to the brain, and it seems like this is the source of all of the patient's problems. Twelve neurons have gone rogue and have been responsible for causing all sorts of issues throughout the body.

First, read about the twelve neurons on the next four pages. Solve each neuron's problems to get two words. A list of clues for all twenty-four solution words appears below.

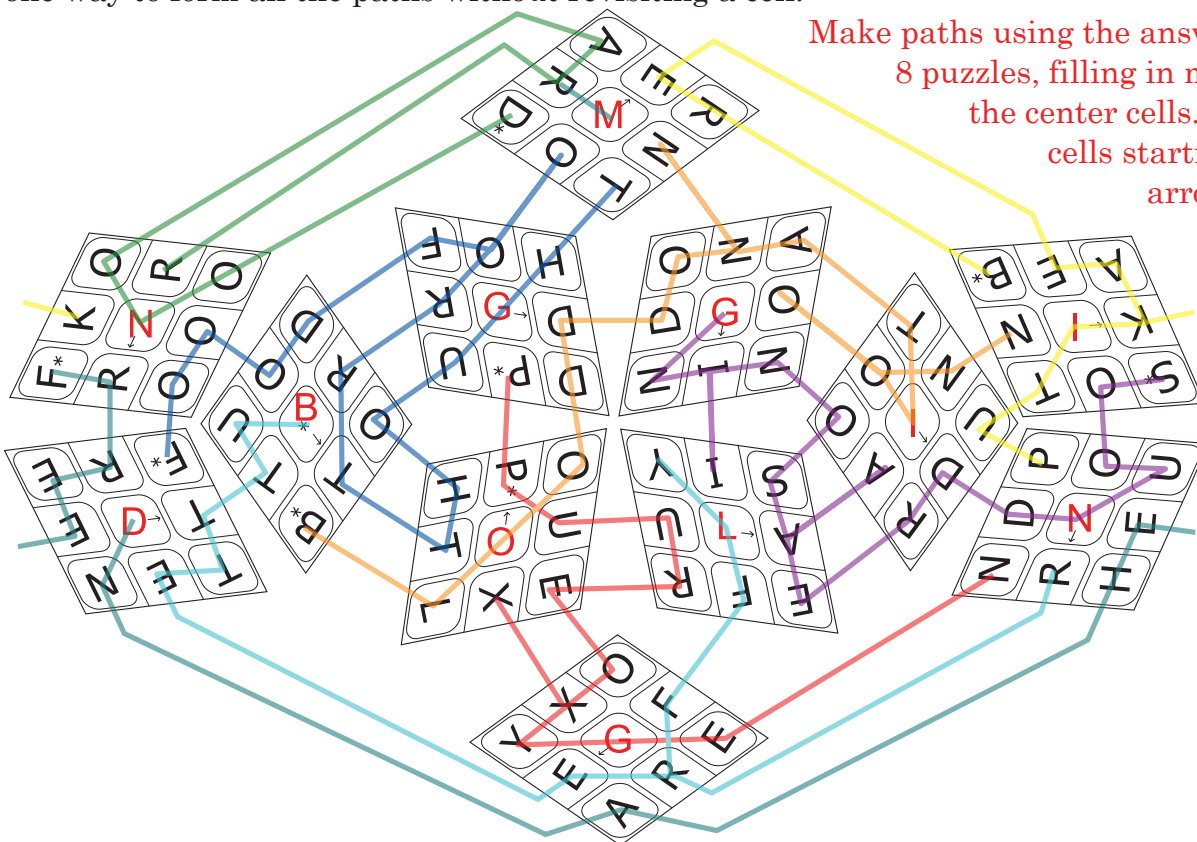
Second, copy eight letters from each neuron's solutions onto the neuron itself, starting with "1" in the space indicated by the arrow and proceeding clockwise. (See the diagram to the right.) If an answer blank is marked with a star, draw a small star next to the corresponding letter on the neuron. Be extremely careful, and make sure you follow the special instructions on the last three neurons.



Third, assemble the twelve neurons to create the 3D brain. Each letter in the half-cell along the middle of a neuron's edge will match with the letter in a half-cell of another neuron.

Finally, use metacognition to identify paths around the brain. Every cell will be used once. Note that the edge cells matched up in the previous step now count as just one cell. There are eight paths, each of which starts in a cell that you starred in the second step. A path may cross itself or another path. There are many ways to form individual paths, but there's only one way to form all the paths without revisiting a cell.

Make paths using the answers to the other 8 puzzles, filling in missing letters in the center cells. Read the center cells starting at the circled arrow, following the arrows to each subsequent letter to get
**MIND
BOGGLING**





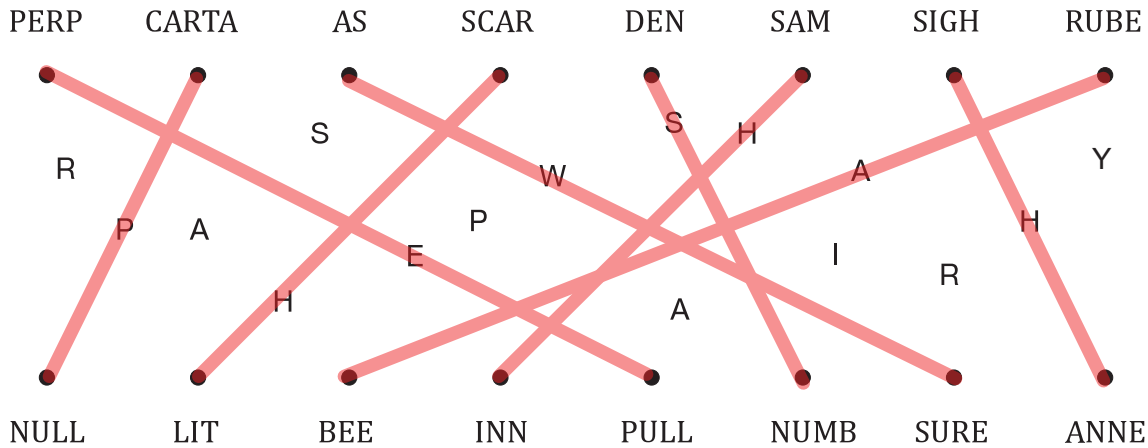
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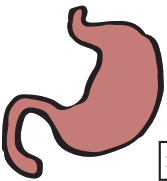


This neuron is causing the **heart** to pump blood through the **ears**, resulting in synesthesia.

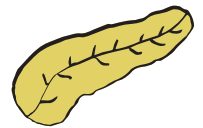


Crossed: $\frac{F}{3} \frac{U}{5} \frac{C}{7} \frac{H}{1} \frac{S}{7} \frac{I}{1} \frac{A}{1}$

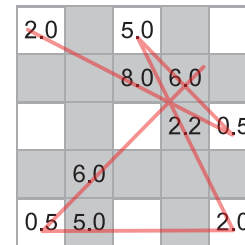
Uncrossed: $\frac{R}{4} \frac{A}{8} \frac{S}{2} \frac{P}{6} \frac{B}{2} \frac{E}{2} \frac{R}{6} \frac{Y}{6}$



This neuron is causing the **stomach** to assemble enzymes instead of the **pancreas**.



To fold: Start with the sequence running east. The sequence never runs north. The cubes completely fill a square that is 5 cubes wide and 5 cubes high.



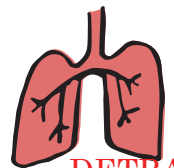
Symbol (in US): $\frac{P}{4} \frac{O}{6} \frac{U}{2} \frac{N}{2} \frac{D}{3}$

Syzygies: $\frac{H}{8} \frac{O}{5} \frac{V}{7} \frac{E}{1} \frac{R}{1}$



This neuron is causing the **hands** to change the **AIR** in the **lungs**.

Substitute for AIR sound instead of AIR.



DETAIL Minor point (6)
GALE Strong wind (4)
IMPALE Pierce with ab stake (6)
JAIL Prison (4)
SALEM Witch trial city (5)

Shifts:
H-2 = F
N+4 = R
B-1 = A
S+2 = U
A+3 = D

RACKED -2
READ +4
LIE -1
AXE +2
ODIE +3

Take away (7)
Excessive desire for wealth (5)
Indirectly suggest (5)
Car-lifting devices (5)
Element with symbol Na (6)

Shifts:
J-2 = H
K+4 = O
Q-1 = P
C+2 = E
A+3 = D

DETRACT
GREED
IMPLY
JACKS
SODIUM

Left letters shifted: $\frac{F}{6} \frac{R}{5} \frac{A}{4} \frac{U}{2} \frac{D}{2}$

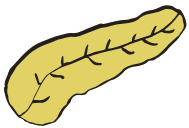
Right letters shifted: $\frac{H}{8} \frac{O}{7} \frac{P}{3*} \frac{E}{1} \frac{D}{1}$



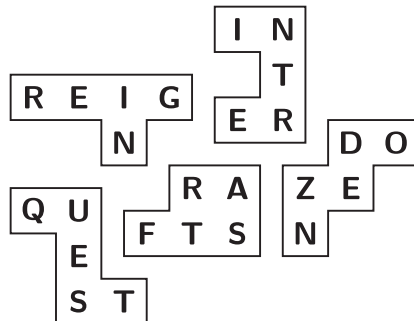
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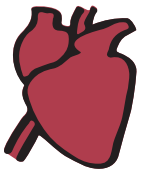
This neuron is causing the **pancreas** to break the **kidney** into smaller pieces.



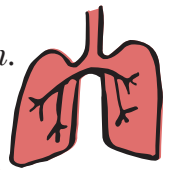
The number of nibbles indicates letter order.

Central column: D E F I N I T E
3 8* 1 5

Indicated spaces: T U N E R
2 4 6 7



This neuron is causing the **heart** to convince the **lungs** that air is only oxygen. Changing AIR sound to O. Arrange tiles so middle row spells new words.



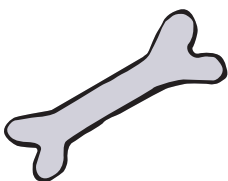
1. Had interest 2. Looking daggers 3. Twosomes 4. In that place
cared - code glaring - glowing pairs - pose there - though

f	t	h	d	s	i	e	w	r	b	n	e	g	d	j	m	n	d	s	a	l
o	w	i	o	s	e	n	g	p	e	g	l	c	o	d	u	g	h	t	h	o
s	e	c	r	d	i	n	d	w	t	h	e	a	n	d	t	i	n	s	n	a

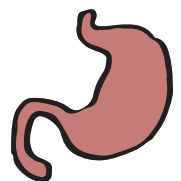
good job one of the words is almond
and the second word is nation

Top row: A L M O N D
6 4 8 3

Bottom row: N A T I O N
5 1 7 2



This neuron is causing the **bones** to overlap in the **stomach**.



The foot bone's connected to the author Rushdie.
The author Rushdie's connected to the aquatic rays.
The aquatic rays are connected to the something.
The something's connected to the Instagram photo.
The Instagram photo's connected to the Spanish party.
The Spanish party's connected to the ear bone.

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

Something: T A S S E L
4 8 2* 7

Joints: B R O K E N
6* 3 1 5



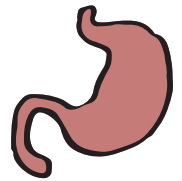
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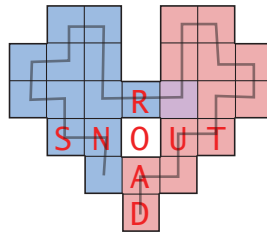
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This neuron is causing the **heart** to work like the **stomach**. But it still needs oxygen!



D A • U T • • • • • • • • R • • • • • • • • S N •



Horizontal: $\frac{S}{7} \frac{N}{4} \frac{O}{8} \frac{U}{6} \frac{T}{6}$

Vertical: $\frac{R}{2} \frac{O}{5} \frac{A}{3} \frac{D}{1}$



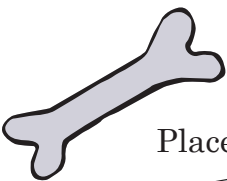
This neuron is causing the **hands** to cover the left and right **ears**.



BERRY • CEASE AW ORC ROBE ARE
 REVEL • X O Y Seesaw or crowbar = **LEVER**
 RALLY • P U E CURR LEANNE MOW SPARTAN ER
 GLADE • L T H Curly and Moe's partner = **LARRY**
 PALTRY • AB DOME INN Not entirely = **PARTLY**
 Mark an exam = **GRADE**
 Abdomen = **BELLY**

Crossed: $\frac{E}{4} \frac{X}{5} \frac{P}{1*} \frac{E}{6} \frac{L}{6}$

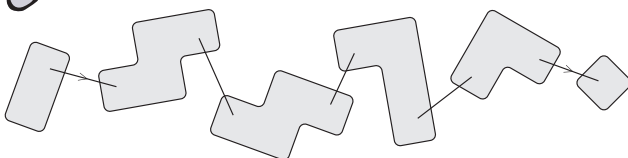
Uncrossed: $\frac{Y}{2} \frac{O}{3} \frac{U}{7} \frac{T}{8} \frac{H}{8}$



This neuron is causing the **bones** to drop into the **kidney**.



Place these stones in the grid.



Tip: Start by figuring out which stone can fit in each sector.



Remember:
 Each sector has one stone;
 stones can't touch;
 and when the stones fall, they
 should fill the bottom
 three rows.

Joints: $\frac{P}{1} \frac{R}{4} \frac{O}{6} \frac{O}{2*} \frac{F}{2*}$

Empty squares: $\frac{P}{5} \frac{R}{8} \frac{O}{7} \frac{V}{3} \frac{O}{3} \frac{K}{3} \frac{E}{3}$



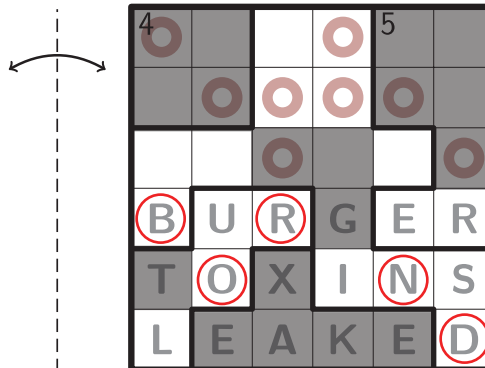
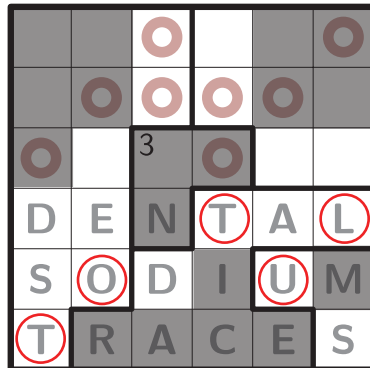
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This neuron is causing the **kidneys** to perfectly **MIRROR** each other like the **hands**.



Remember:

Each sector has one stone; stones can't touch; and when the stones fall, they should fill the bottom three rows.

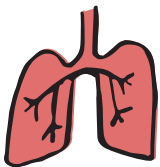
Read marked letters from left to right across rows, top to bottom. Then do the

Left: $\frac{T}{1} \frac{R}{7} \frac{O}{8} \frac{U}{4} \frac{T}{3}$

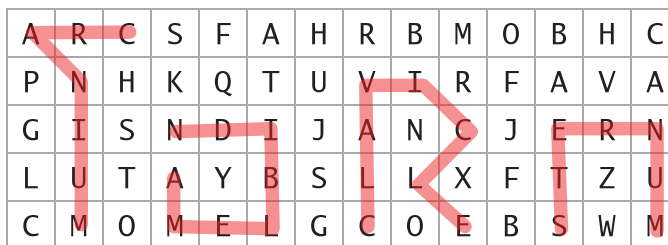
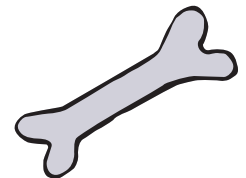
Right: $\frac{B}{2*} \frac{L}{5} \frac{O}{6} \frac{N}{5} \frac{D}{6}$

After writing the letters on this neuron, draw a small star at the bottom of the center space.

L/R swap as in the Hands puzzle.



This neuron is causing the **lungs** to shift the **bones** around!



Head bone:

Jaw bone:

Shoulder bone:

Chest bone:

ETCPKWO

-2 = CRANIUM

WKXNSLVO

-10 = MANDIBLE

TCRMZTCV

-17 = CLAVICLE

CDOBXEW

+16 = STERNUM

Word shapes: $\frac{T}{4} \frac{O}{5} \frac{R}{2} \frac{N}{3}$

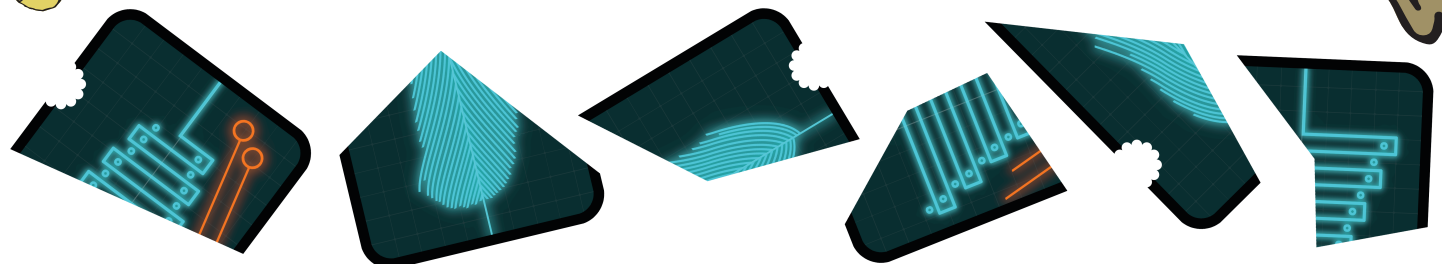
Shifted letters: $\frac{R}{7} \frac{E}{1} \frac{A}{8} \frac{D}{6*}$

After writing the letters on this neuron, circle the arrow.

T-2 = R
O-10 = E
R-17 = A
N+16 = D



This neuron is causing the **pancreas** to digest sounds from the **ears**.



First wave: $\frac{X}{3} \frac{Y}{2} \frac{L}{4} \frac{O}{4} \frac{P}{4} \frac{H}{4} \frac{O}{4} \frac{N}{4} \frac{E}{1}$

Second wave: $\frac{F}{5} \frac{E}{6} \frac{A}{8} \frac{T}{8} \frac{H}{8} \frac{E}{7} \frac{R}{7}$

After writing the letters on this neuron, cross out the arrow.