

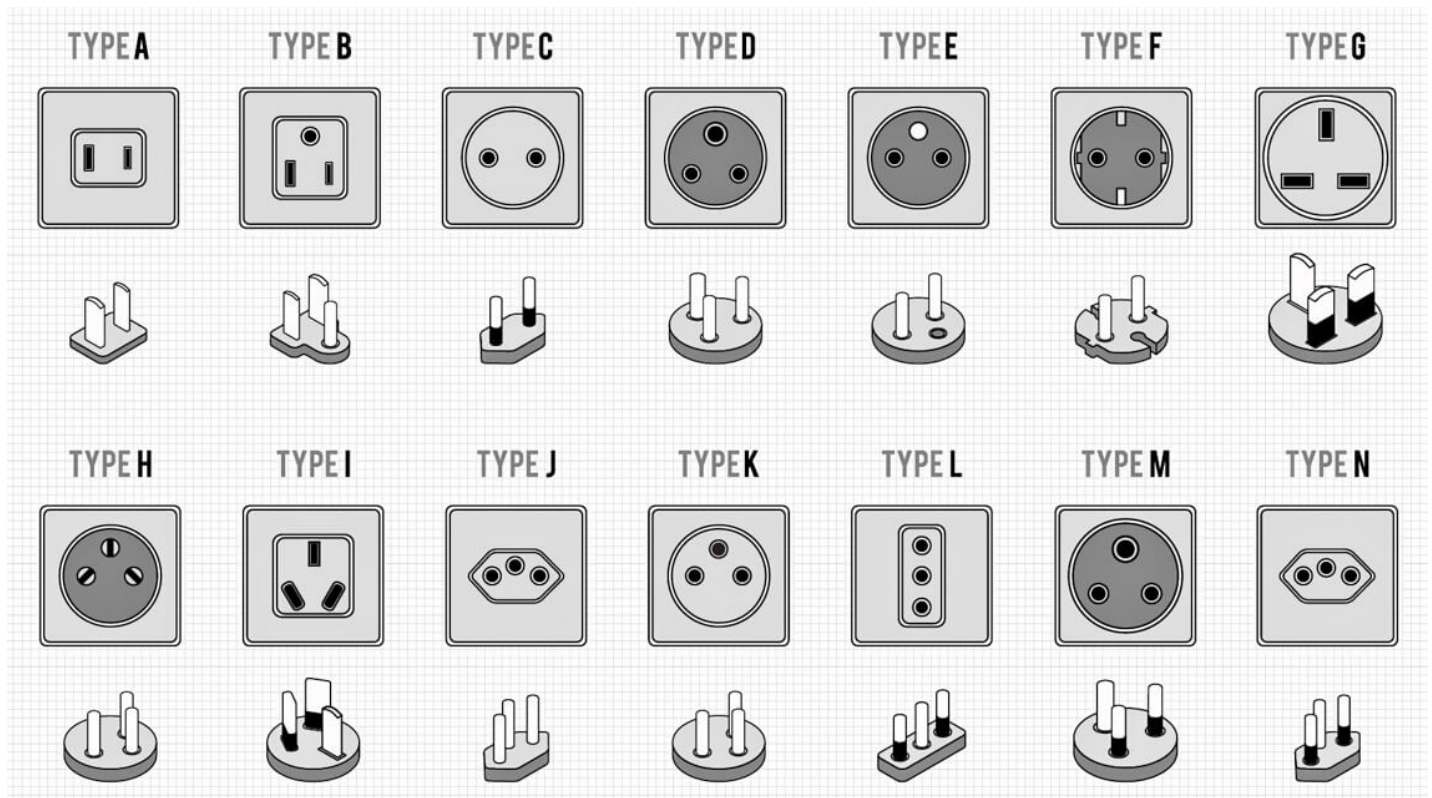
AACF Puzzle Week 2020 Solutions

#1: Wide Eyed

1. Notice that the boxes are electrical outlets (which are on walls and look like faces staring at you)
2. Looking online, we can find that each outlet has a letter id for its type. Note that there are minor nuances between outlets, it does not suffice to simply glance at diagrams. (Ex. a middle prong is higher in 1 type)
3. The outlets spell out HE COINED AC . In this context, AC does not refer to air conditioning but rather alternating current. Nikola Tesla invented alternating current.

Note: That's why the outlets are in the shape of a T.

ANSWER: TESLA



#2: Aspirations

1. All careers listed are career cards from the game of life (as referred to in the haiku)
2. All career cards have a base income and we can take the nonzero digits as an index to take a character from the career name
3. Removing crossed out career cards, the characters spell out CIRCUIT

ANSWER: CIRCUIT

~~D~~octor

~~L~~awyer

Mechanic - 30k

Hair stylist - 30k

~~A~~ccountant

Entertainer - 50k

Teacher - 40k

~~S~~alesperson

Computer designer - 50k

Police officer - 40k

~~V~~eterinarian

Athlete - 60k

Jobs in Life  [Edit](#)

No Degree Required  [Edit](#)

- Salesperson: Salary \$20–50,000; taxes \$5,000
- Hair Stylist: Salary \$30–60,000; taxes \$10,000
- Mechanic: Salary \$30–60,000; taxes \$10,000
- Police Officer: Salary \$40–70,000; taxes \$15,000; collect \$5,000 from anyone spinning a 10
- Entertainer: Salary \$50,000 (no max); taxes \$20,000
- Athlete: Salary \$60,000 (no max); taxes \$25,000

Degree Required  [Edit](#)

- Teacher: Salary \$40–70,000; taxes \$15,000
- Computer Designer: Salary \$50–80,000; taxes \$20,000
- Accountant: Salary \$70–110,000; taxes \$30,000
- Veterinarian: Salary \$80–120,000; taxes \$35,000
- Lawyer: Salary \$90,000 (no max); taxes \$40,000
- Doctor: Salary \$100,000 (no max); taxes \$45,000

#3: Silent Clocks

1. Clocks are associated with time so `Silent Clocks` prompts us to think of `silent time`
2. The Spanish word for library is `biblioteca` which sounds Bible related
3. The bottom text says that `NIST` stands for New International Standards of Time while it actually stands for National Institute of Science and Technology. New International tells us to look at the New International Version (`NIV`) of the Bible
4. At the top left of the page, it says written by Matthew (no last name) so we look at the book `Matthew`
5. Convert clocks to hour:minute form and look up those verses
6. Take the first letter of each verse and it spells out `CROSS`

ANSWER: `CROSS`

“Come, follow me,” Jesus said, “and I will send you out to fish for people.”
(Matthew 4:19)

“Or again, how can anyone enter a strong man’s house and carry off his
possessions...” (Matthew 12:29)

“Ram the father of Amminadab,...” (Matthew 1:04)

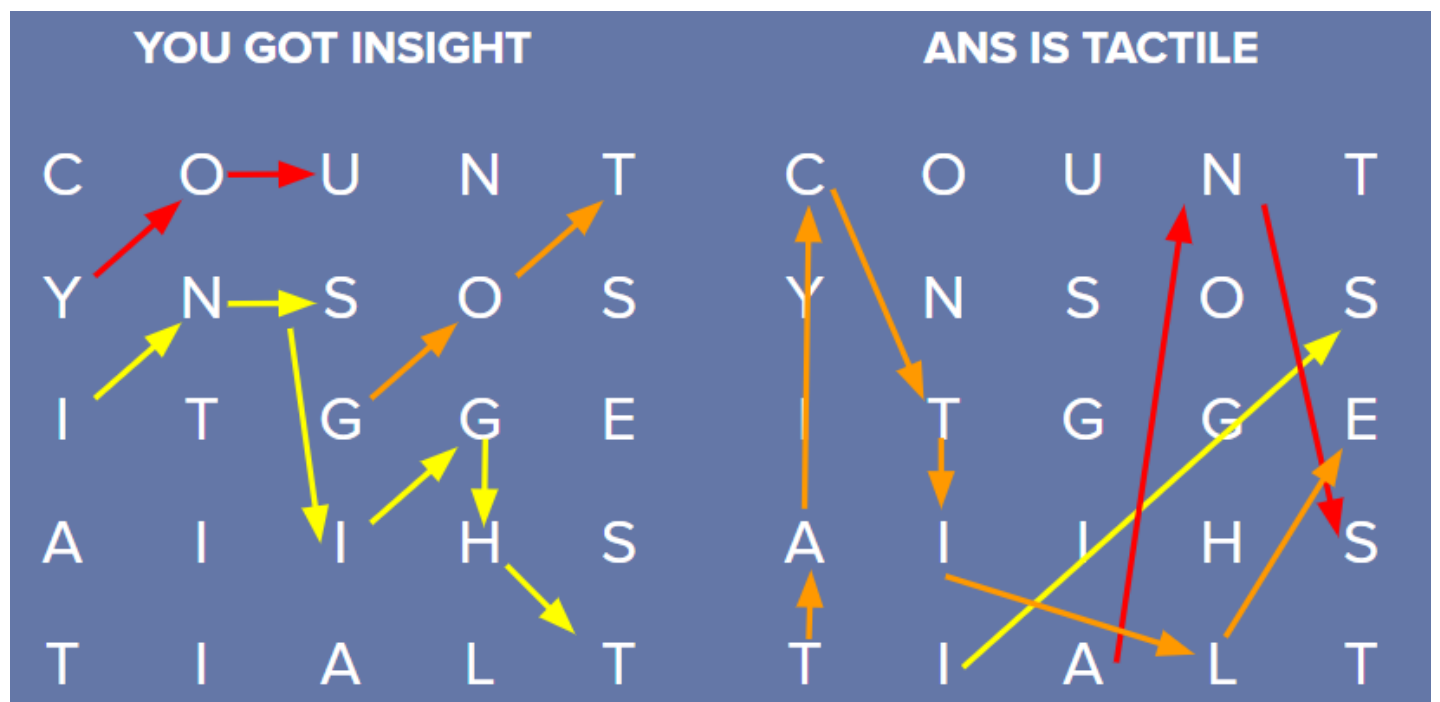
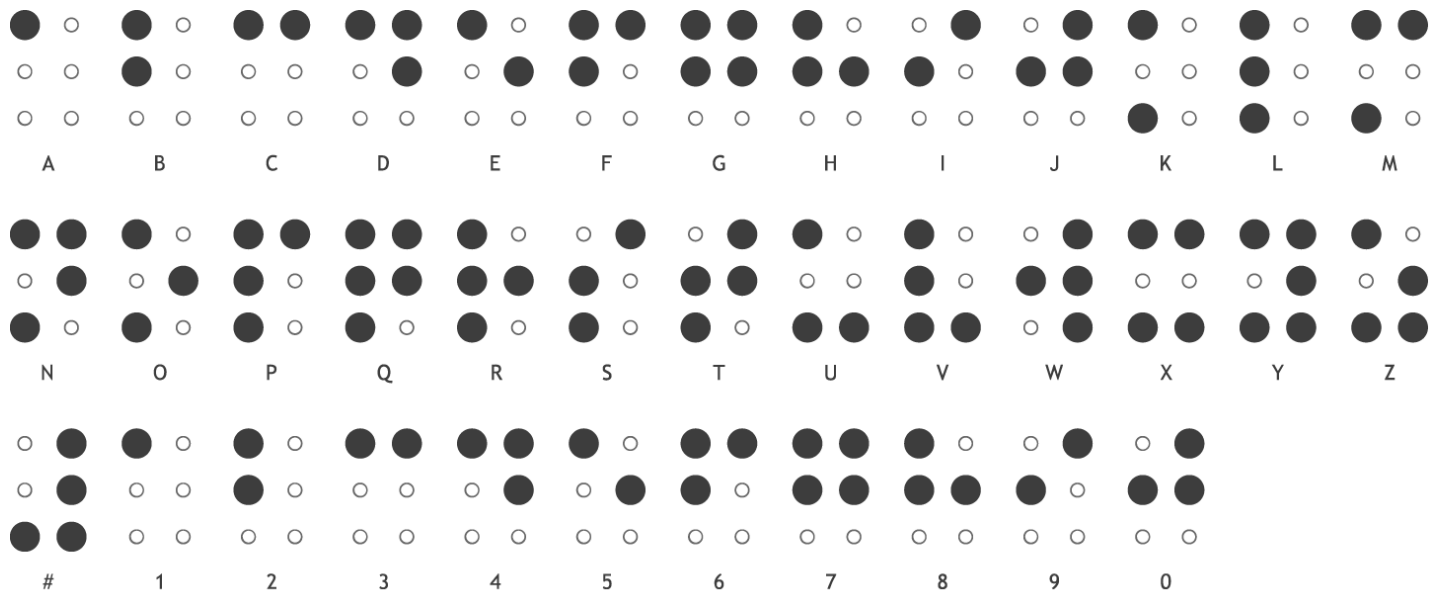
“So in everything, do to others what you would have them do to you”
(Matthew 7:12)

“So don’t be afraid; you are worth more than many sparrows.” (Matthew 10:31)

#4: Old Toys

1. The haiku suggests you can win with your eyes closed, so the puzzle involves Braille
2. Top set of dots for the dominoes are Braille characters
3. This spells out `COUNT` at the top. This tells you to count the number of dots in the bottom set. Then group the letters by the quantity of dots (1 thru 6) to tell you which group they are a part of
4. Reading the words from 1 thru 6, we get `YOU GOT INSIGHT ANS IS TACTILE`

ANSWER: TACTILE



#5: Fresh Produce

1. Taking the first letter of each fruit name spells out FALL DOWN
2. The numbers are meant to be prices on a cash register. The pink segments represent LED segments that have burnt out (they are the same in each since its the same cash register).
3. Adding all the numbers gives \$37.114
4. Displaying that amount with the pink segments and turning it upside down shows APPLE
5. FALL DOWN APPLE reminds you of NEWTON

ANSWER: NEWTON

Fig



Apple



Lychee



Lemon



Durian



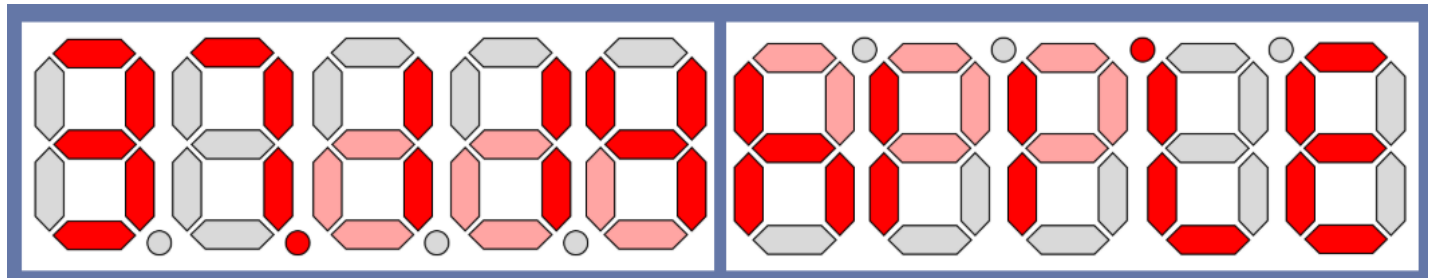
Orange



Watermelon



Nectarine



#6: New Year

1. Haiku and title suggests the puzzle is optometry/eyes related
2. Top 3 are fill in the blank for vision related problems
3. Apply (an intense) color filter of the color that each color-blindness has a deficiency of
4. Bottom is CRM and top is HOA, when read top to bottom, left to right spells CHROMA

Answer: CHROMA

Mind: A P H A N T A S I A

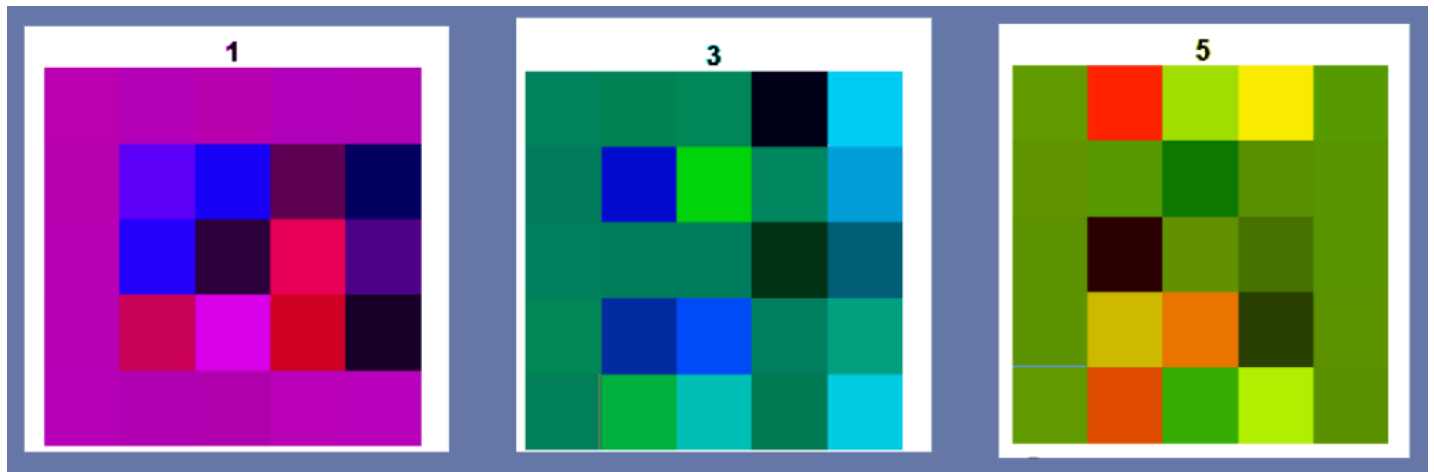
Lazy: A M B L Y O P I A

Blur: A S I G M A T I S M

T: Tritanopia (red deficiency)

P: Protanopia (blue deficiency)

D: Deuteranopia (green deficiency)




#7: Maritime



1. Flags waving in cool air leads maritime flags. Convert Maritime flags to numbers
2. Sailing the baltic leads to Baltic shipping website
3. Many lost at sea leads to all these ships were lost or decommissioned
4. But the maritime flags aren't the real flags on each ship. Find country flags and take the nth number of the country (ex. 2nd letter of antigua)
5. Spells out NACER ALIAS , looking up the alias name of NACER shows that it is BRUMMI

ANSWER: BRUMMI

ANGELN 2	ANTIGUA 2
CARLINE 6	VANUATU 6
ELQUI 1	CHILE 1
EVOIKOS 3	GREECE 3
ALIMAR 5	LIBERIA 5
GLENELG 4	PANAMA 4
TIMNA 6	ISRAEL 6
MAHANOVA 5	MAURITANIA 5
KURSK 2	MALTA 2
ASON 1	SPAIN 1

NACER, IMO 5042613 

Ship info



IMO number	5042613
Name of the ship	NACER
Former names	BRUMMI (1998)
Vessel type	General cargo vessel
Operating status	Decommissioned or lost

#8: The Legend

1. Games of precious stones leads to Pokemon Ruby, Sapphire, Emerald (Diamond & Pearl too)
2. Land of the 3 titans leads to Regi trio's land which is Hoenn (Gen 3)
3. The Legend also leads to the Regi trio are legendary Pokemon
4. Room #s leads to looking for room ID numbers from Hoenn
5. Notice that there are 2 cities, 2 nature locations, 2 routes. Draw a line between each of the two on a map
6. The lines all converge on Mauville City

ANSWER: MAUVILLE

List of locations by index number (Generation III)

From Bulbapedia, the community-driven Pokémon encyclopedia.

Each location in the [Generation III](#) games has its own identification number used internally by the game, mostly to display where enumerated here, in order.

These identification numbers are only used in Generation III, and are not used to determine the location on the status screen of a Pokémon in Generation IV—this is instead generated based on the game in which the Pokémon was created, being "Hoenn" for Pokémon Ruby, Sapphire, and Emerald.

Hex	Location
000 (0x00)	Littleroot Town
001 (0x01)	Oldale Town
002 (0x02)	Dewford Town
003 (0x03)	Lavender Town
004 (0x04)	Fallarbor Town
005 (0x05)	Verdanturf Town
006 (0x06)	Pacifidlog Town
007 (0x07)	Petalburg City
008 (0x08)	Slateport City
009 (0x09)	Mauville City
010 (0x0A)	Rustboro City
011 (0x0B)	Fortree City
012 (0x0C)	Lilycove City

56: Mt. Chimney
10: Rustboro city
16: Route 101

34: Route 119
14: Sootopolis city
73: Southern Island

The map shows the Hoenn region with various towns, cities, and routes. Red lines are drawn from the following locations to Mauville City (index 009):

- 56: Mt. Chimney (index 113)
- 10: Rustboro city (index 010)
- 16: Route 101 (index 101)
- 34: Route 119 (index 119)
- 14: Sootopolis city (index 126)
- 73: Southern Island (index 109)

All these lines converge on Mauville City, which is the answer to the legend.

#9: Special Thanks

1. Note that the instructions said This packet contains one puzzle per page, all of which are independent of one another.
2. The special thanks is page 9 and there is an answer blank there too!
3. corner of my eye leads to checking the top corner. There is a faint icon indicating that internet tools are required
4. Stark contrast , sharp minds suggests that you should increase the contrast /sharpen the image (several times)
5. Doing so reveals a grid of letters. This is a word search now! We're looking for the answers from puzzles 1-8
6. None of the answers are actually in the word search but there are a lot that are close - they're off by 1 character! This fits with the theme it's not a bug; its a feature . The bug is that there are typos but in reality that's what we're looking for
7. The bottom of the grid says 6D3C2A4718B5 . There are 4 letters and 4 beta testers so we need to find their names (with 1 character off) in the grid
8. Taking the letter that they should have been from each answer found, we get ANSGRATITUDE

ANSWER: GRATITUDE

Answers from #1-8

TESLA --> YESLA

CIRCUIT --> CIQCUIT

CROSS --> CROWS

TACTILE --> TACPILE

NEWTON --> NOWTON

CHROMA --> CHROME

BRUMMI --> BRUMMO

MAUVILLE --> MAXVILLE

Beta Testers:

SOPHIA WANG --> SOPHIA WING

MANDY YEE --> MANLY YEE

MARGARET WANG --> MARLARET

HANNAH HUH --> HANWAH HUH

ANSGRATITUDE

6D3C2A4718B5

