

ACF Puzzle Week 2020



Master Score Report

	Monkey Intelligence Bureau	oh emmai	The School Bus	2020 VISION	Canadian Attendees
<u>Puzzle Raw Scores</u>					
#1: Wide Eyed	100	100	100		100
#2: Aspirations	100	100	100		
#3: Silent Clocks	100	100	100		
#4: Old Toys	100	100	100		
#5: Fresh Produce	100	100	100		
#6: New Year	100	100	100		
#7: Maritime	100	100	100		
#8: The Legend	100	100	100		100
#9: Special Thanks		200	200		
Subtotal:	800	1000	1000	0	200
<u>Misc. Challenge Scores</u>					
And so it begins...	10	10	10	10	10
Scoring	10	10	10	10	10
Survey + Prizes	10	10	10		10
ALGAE	10	10	10		
Teamwork	60	60	60		
Subtotal:	100	100	100	20	30
<u>First Solve Bonuses</u>					
#1: Wide Eyed	10				
#2: Aspirations			10		
#3: Silent Clocks			10		
#4: Old Toys	10				
#5: Fresh Produce		10			
#6: New Year			10		
#7: Maritime		10			
#8: The Legend			10		
#9: Special Thanks		20			
Subtotal:	20	40	40	0	0
<u>48hr Bonuses</u>					
#1: Wide Eyed	10	10	10		
#2: Aspirations					
#3: Silent Clocks	10		10		
#4: Old Toys	10		10		
#5: Fresh Produce					
#6: New Year					
#7: Maritime		10			
#8: The Legend			10		
#9: Special Thanks					
Subtotal:	30	20	40	0	0
<u>Hint Usage</u>					
#1: Wide Eyed					-10
#2: Aspirations	-20	-10	-10		
#3: Silent Clocks		-20			
#4: Old Toys		-10			
#5: Fresh Produce	-10				
#6: New Year	-20	-10	-10		
#7: Maritime	-10		-10		
#8: The Legend	-20	-20			-10
#9: Special Thanks	-20	-10	-10		
12 Initial hints	120	120	120	120	120
Bonus hint for solving 8 puzzles	10	10	10		
Subtotal:	30	50	90	100	100
<u>Puzzle Raw Scores</u>					
	800	1000	1000	0	200
<u>Misc. Challenge Scores</u>					
	100	100	100	20	30
<u>First Solve Bonuses</u>					
	20	40	40	0	0
<u>48hr Bonuses</u>					
	30	20	40	0	0
<u>Hint Usage</u>					
	30	50	90	100	100
<u>Early Finish Bonus</u>					
		30			
<u>Team Penalties</u>					
Final Score	980	1240	1270	120	330
Final Rank	3	2	1	5	4

AACF Puzzle Week 2020

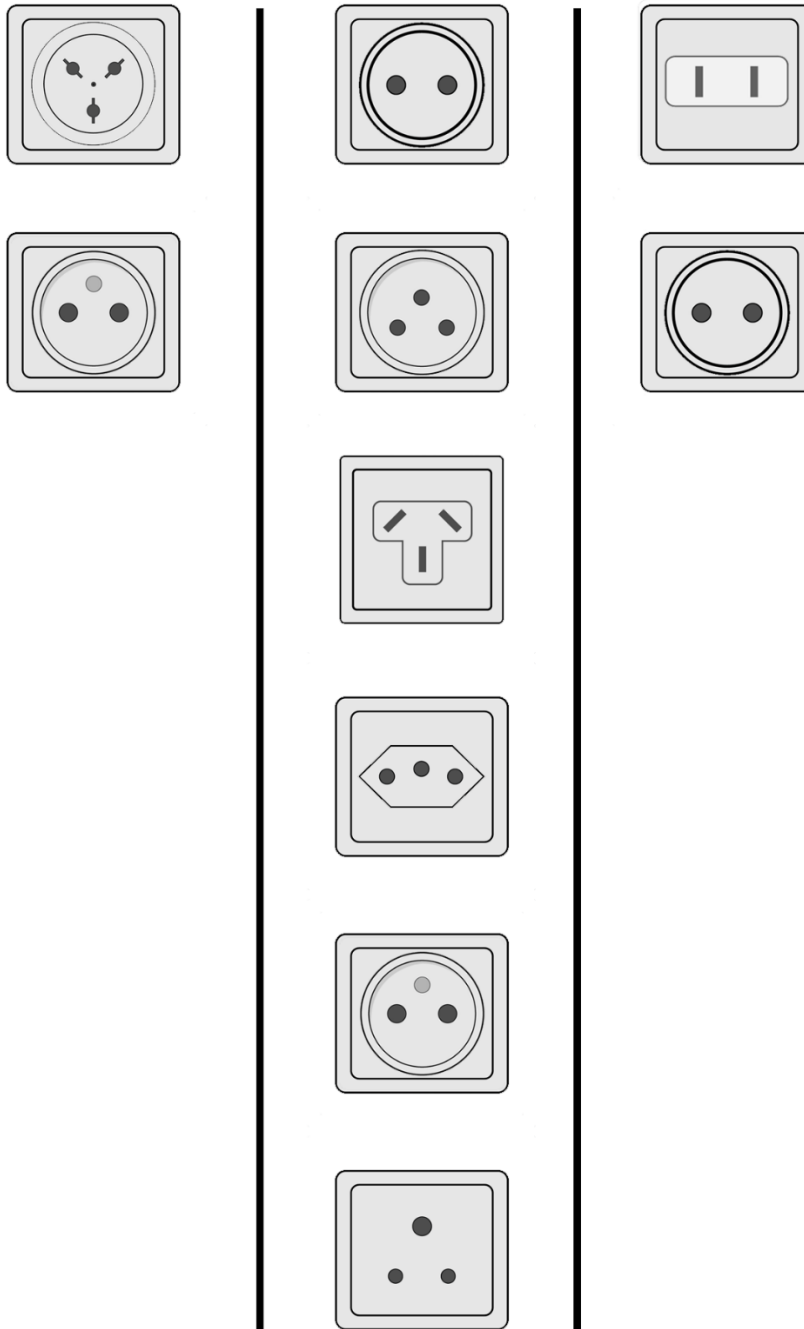
January 31 – February 7, 2020

- This packet contains one puzzle per page, all of which are independent of one another.
- The answer to each puzzle is a single word or name (person, company, etc.) in English.
- You may use the Internet and any other resources at your disposal. Internet tools and services will be required for some problems.
- You will be working together as a class to compete against other classes.
- Submit your answers to the online autograder at aacfpuzzlehunt.tech. More details about scoring can be found on the site.
- Good luck and have fun!



#1: Wide Eyed

*Sometimes I notice
Up upon a wall they hang
Staring forever*



Answer: _____



#2: Aspirations

*What will I become
So many career options
I guess that is life*

~~Doctor~~

~~Lawyer~~

Mechanic

Hair stylist

~~Accountant~~

Entertainer

Teacher

~~Salesperson~~

Computer designer

Police officer

~~Veterinarian~~

Athlete

Answer: _____



#3: Silent Clocks

*Clocks hang on a wall
In a Spanish library
Silently ticking*



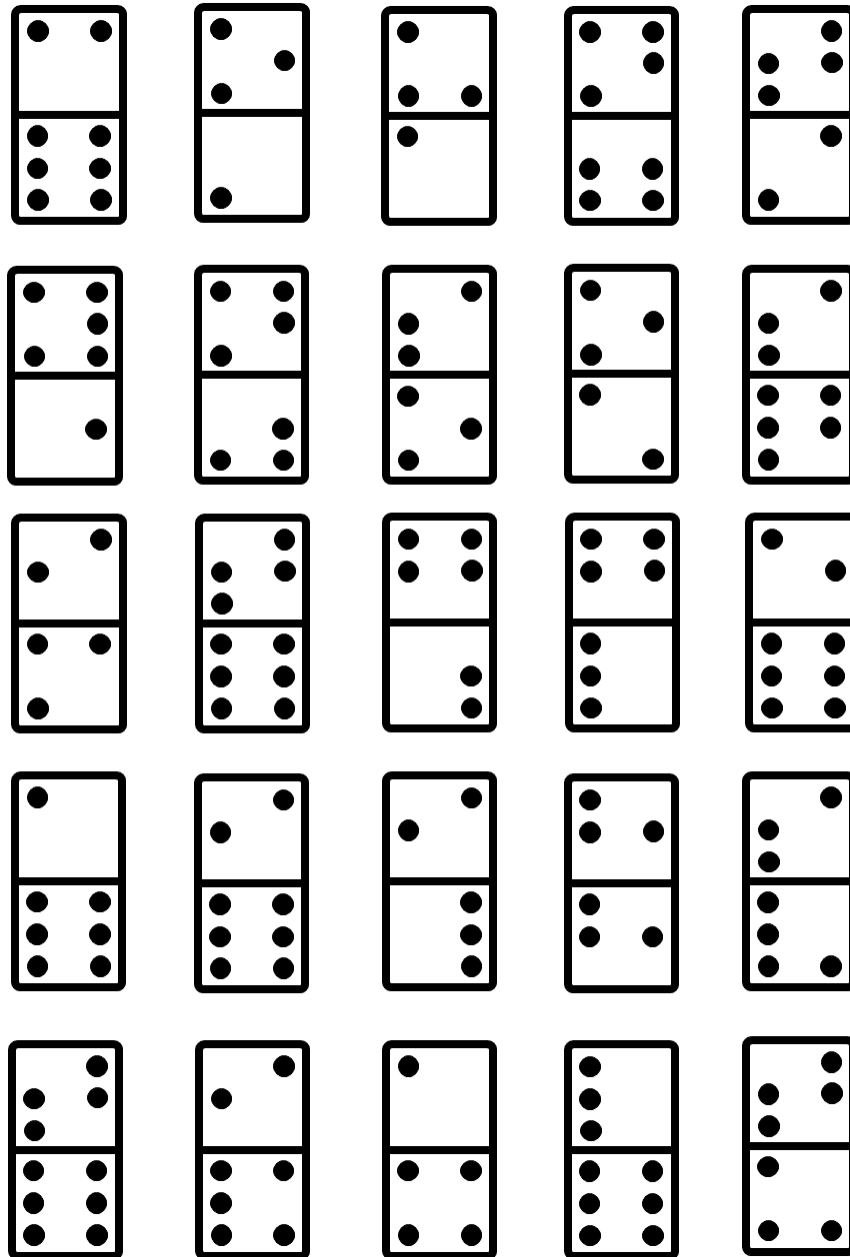
Please note that all clocks are NIST (New International Standards of Time) compliant

Answer: _____



#4: Old Toys

*A game from childhood
I could win with my eyes closed
Left in the attic*

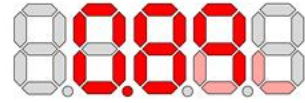
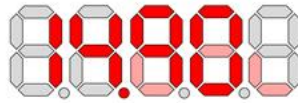
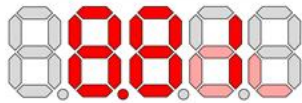
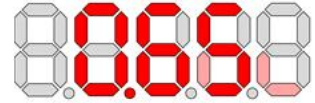
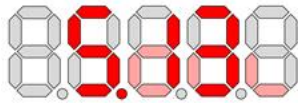


Answer: _____



#5: Fresh Produce

*Walking down the aisles
The fruit here looks delicious
Maybe I'll buy them*



Answer: _____



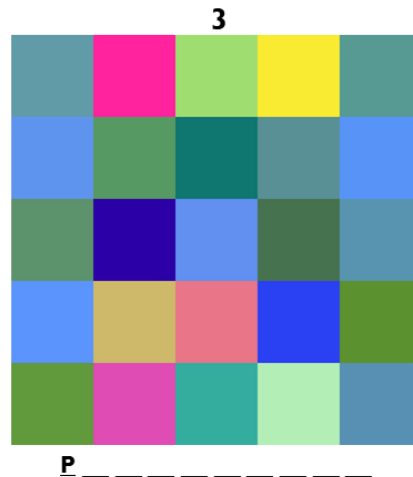
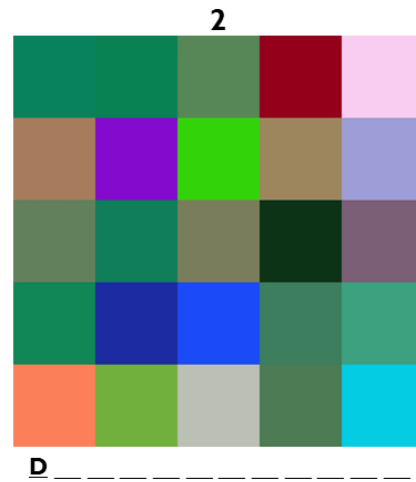
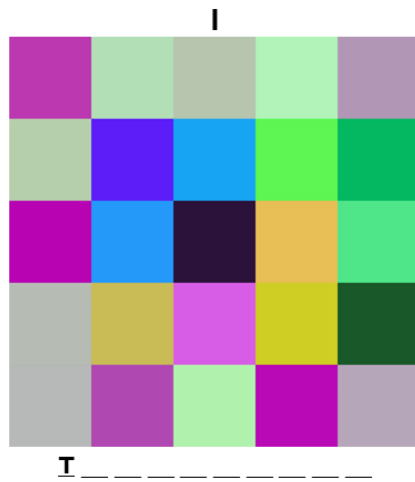
#6: New Year

*Start of a new year
We all have perfect vision
This joke is dead now*

Mind: _____
 1

Lazy: _____
 2

Blur: _____
 3



Answer: _____



#7: Maritime

*Sailing the Baltic
Flags waving in the cool air
Many lost at sea*

ANGELN	
CARLINE	
ELQUI	
EVOIKOS	
ALIMAR	
GLENELG	
TIMNA	
MAHANOVA	
KURSK	
ASON	

Answer: _____



#8: The Legend

*Games of precious stones
The land of the three titans
Gotta find them all*

Room #s

56

34

10

14

16

73

Answer: _____

Special Thanks

One of my favorite sayings is “it’s not a bug; it’s a feature.” However, there’s nothing much worse than a broken puzzle – that’s definitely not a feature. Sometimes in the development process there are bugs that I’ll catch out of the corner of my eye, but I can’t possibly find them all. With that being said, there would have been a copious number of bugs and a stark contrast in quality throughout the puzzles without the sharp minds of these beta testers.

Sophia Wang

Mandy Yee

Margaret Wang

Hannah Huh

Answer: _____

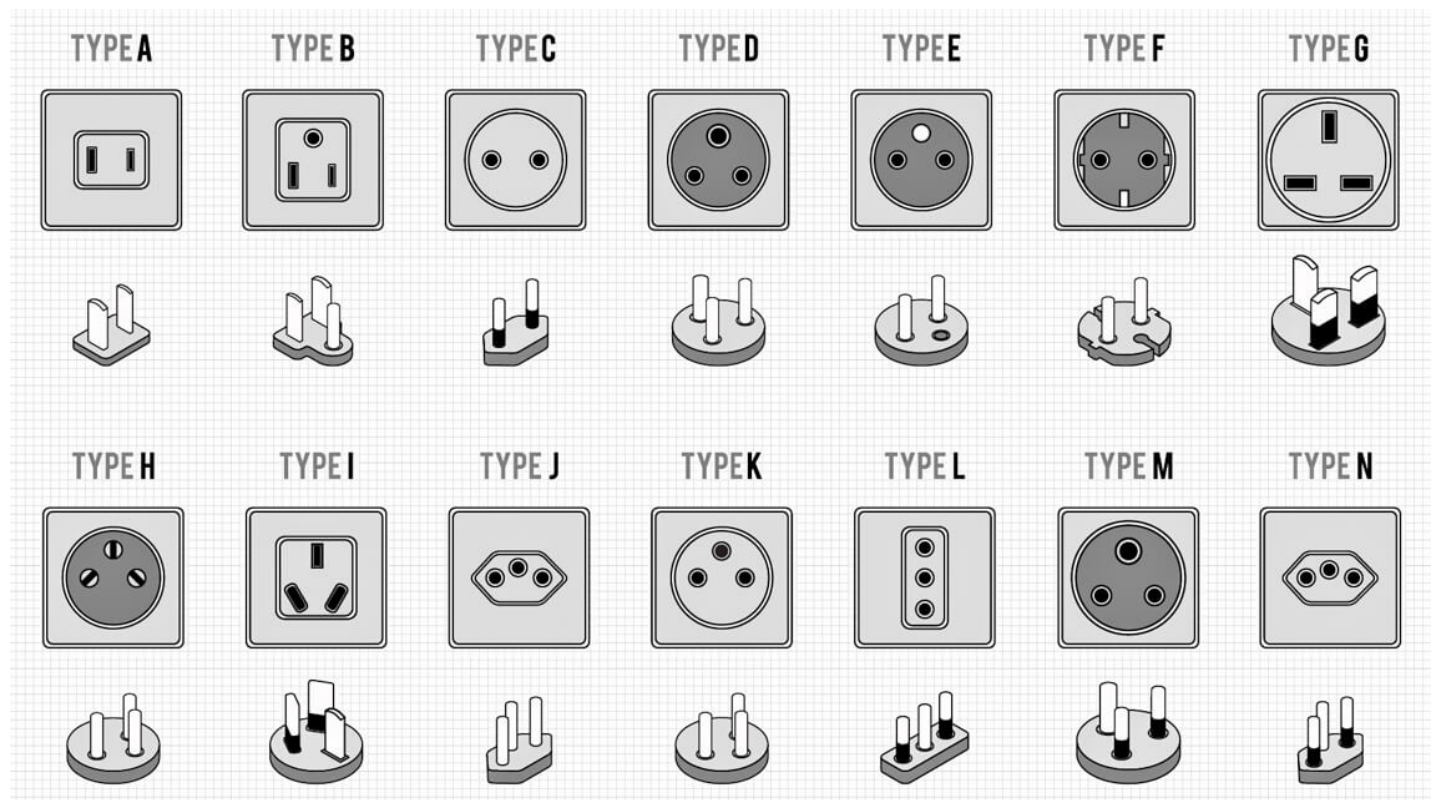
ACF Puzzle Week 2020 Solutions

#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



The screenshot shows a 'Jobs in Life' interface. On the left, a list of careers is shown with some characters crossed out. On the right, a list of careers is shown with their salaries and taxes, categorized by degree requirements.

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

Doctor
Lawyer
Mechanic - 30k
Hair stylist - 30k
Accountant
Entertainer - 50k
Teacher - 40k
Salesperson
Computer designer - 50k
Police officer - 40k
Veterinarian
Athlete - 60k

#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)

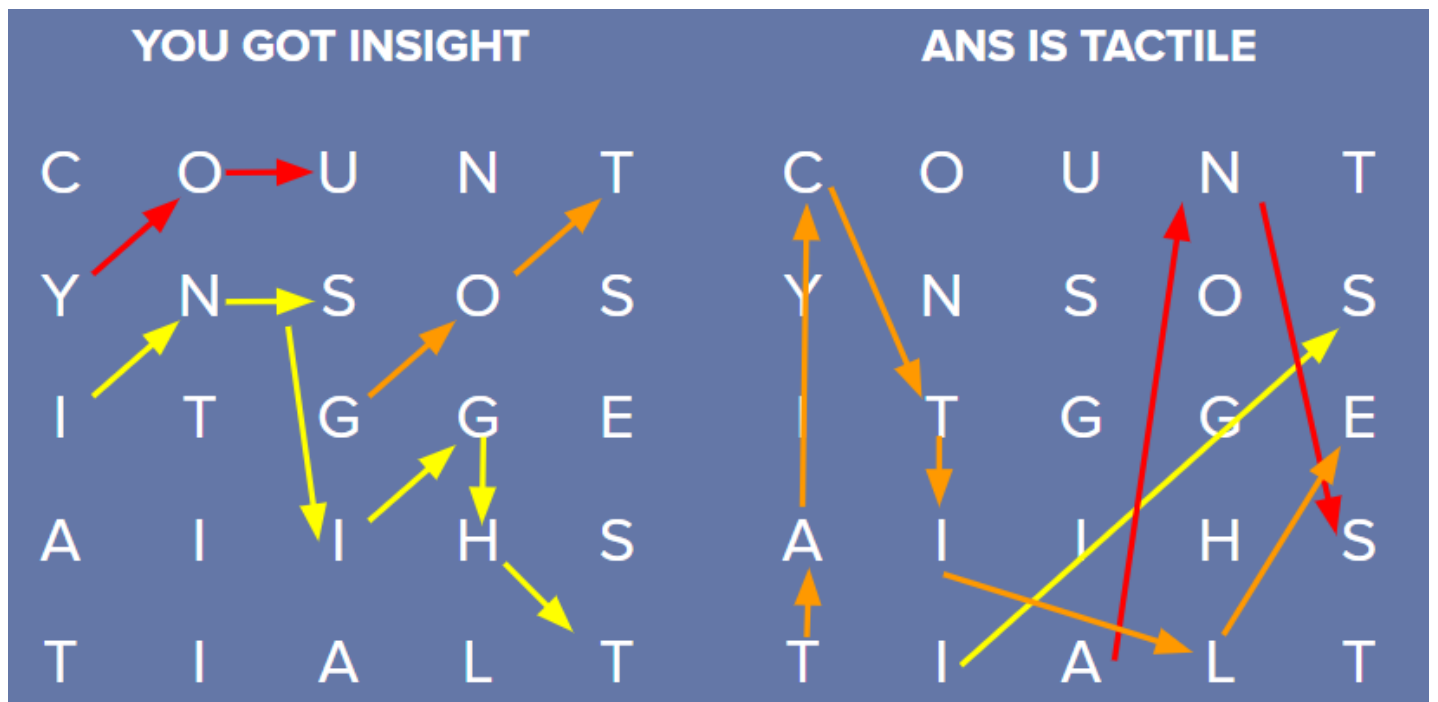
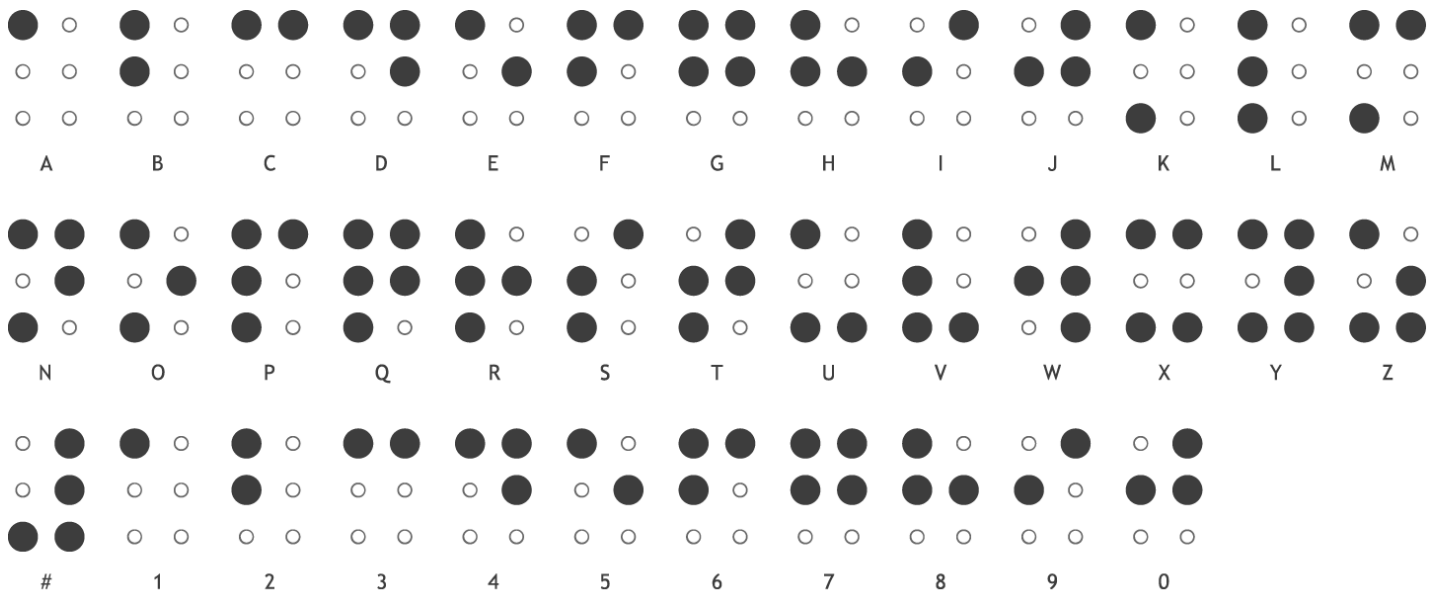
“So in everything, do to others what you would have them do to you”
(Matthew 7:12)

“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



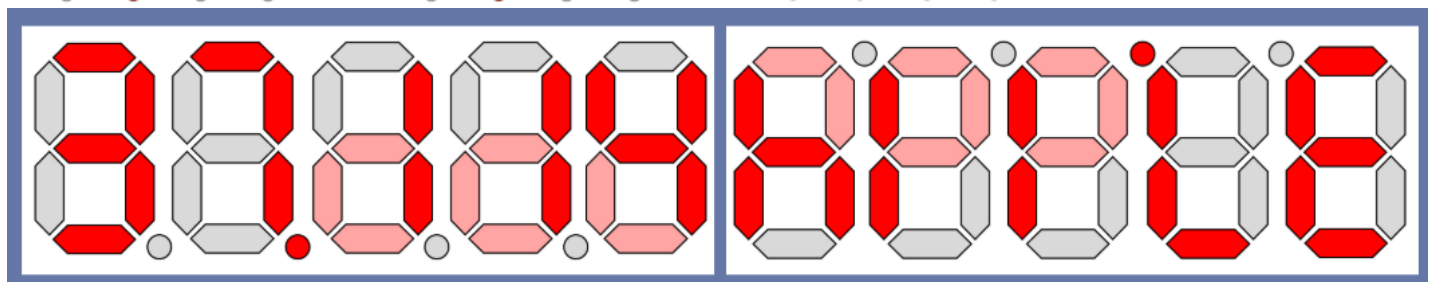
Orange



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

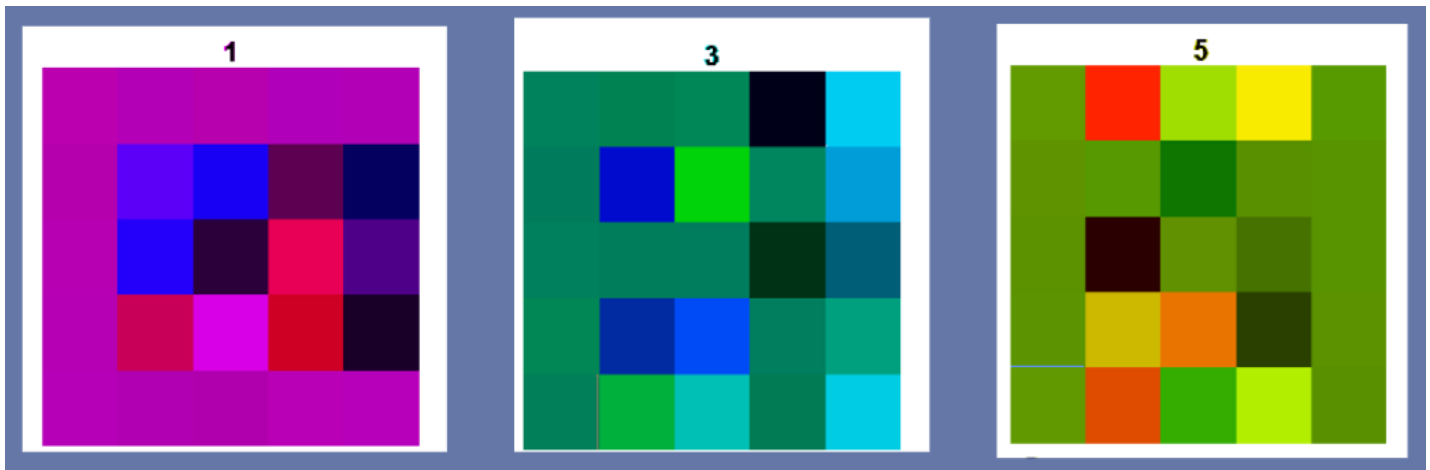
Lazy: A M B L Y O P I A

Blur: A S T 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 IV—this is instead generated based on the game in which the Pokémon was created, being "Hoenn" for Pokémon Ruby, Sapphire, FireRed and LeafGreen.

Hex	Location
000	0x00 Litteroot Town
001	0x01 Oldale Town
002	0x02 Dewford Town
003	0x03 Lavaridge 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

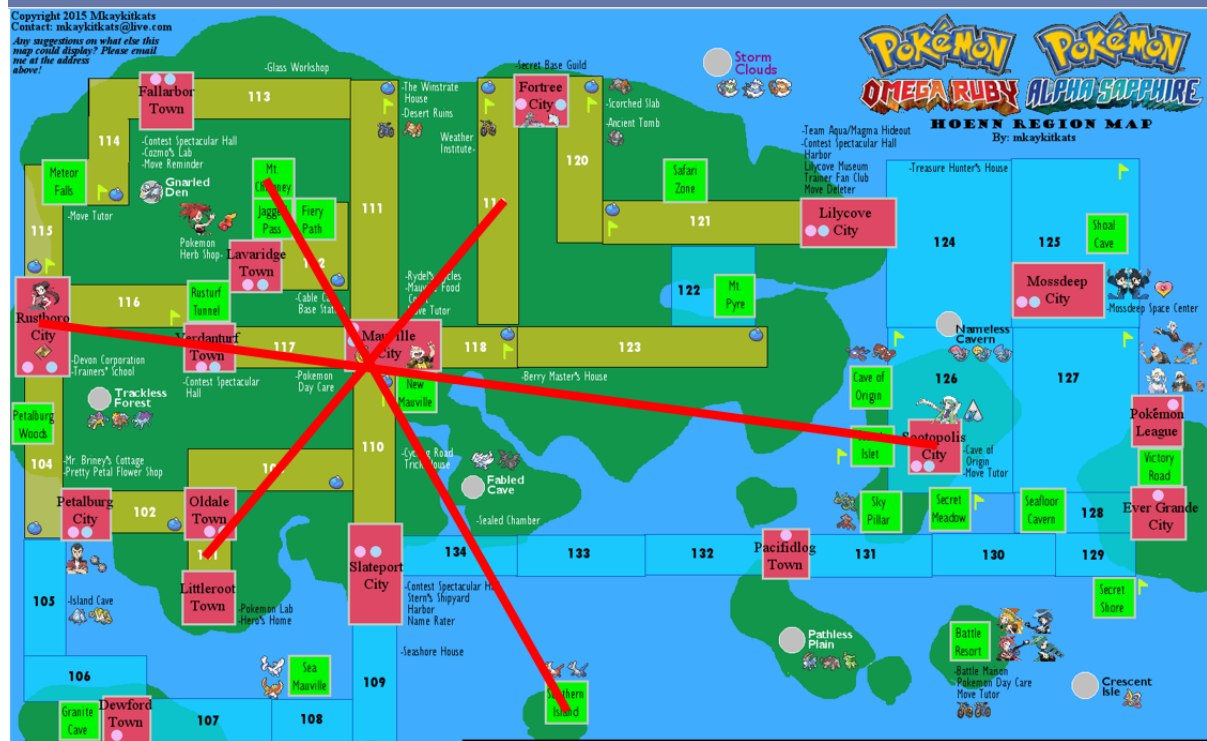
10: Rustboro city

16: Route 101

34: Route 119

14: Sootopolis city

73: Southern Island



#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 WANG

HANNAH HUH --> HANWAH HUH

ANSGRATITUDE

6D3C2A4718B5

