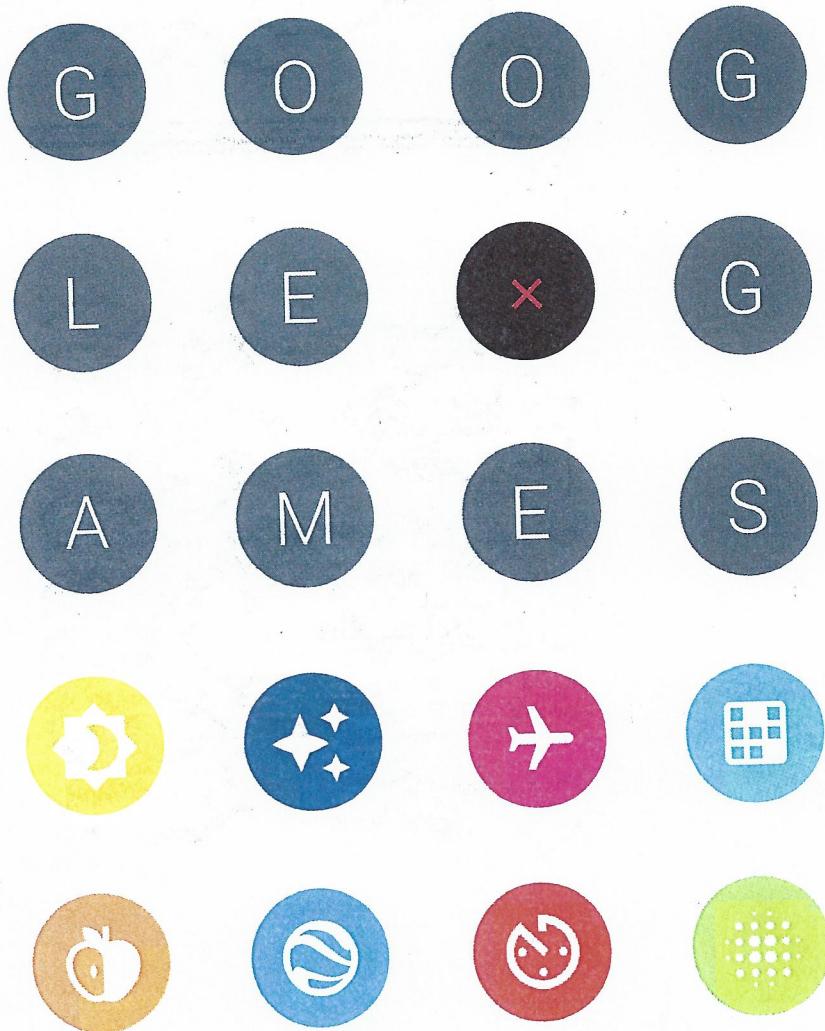


Google™

GOOGLE GAMES 2015



2015 Games and Scoring

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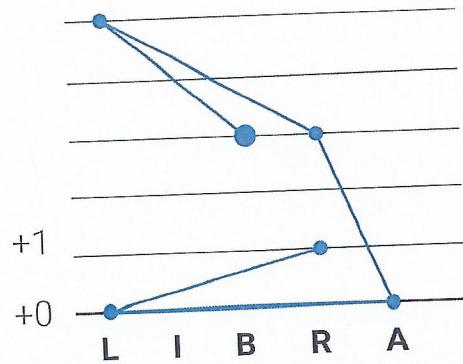
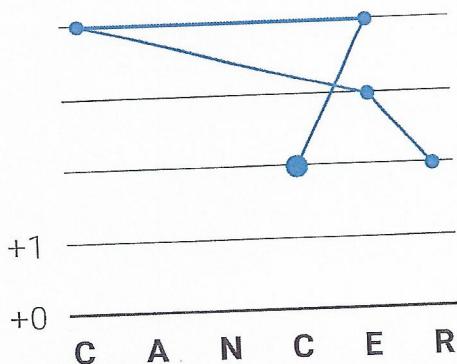
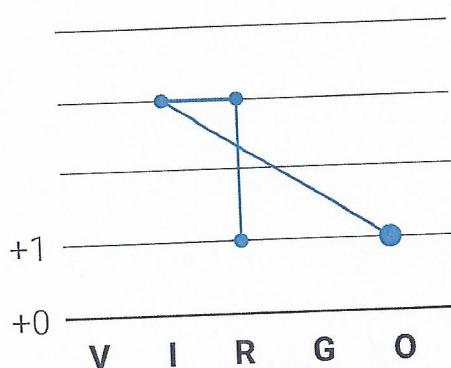
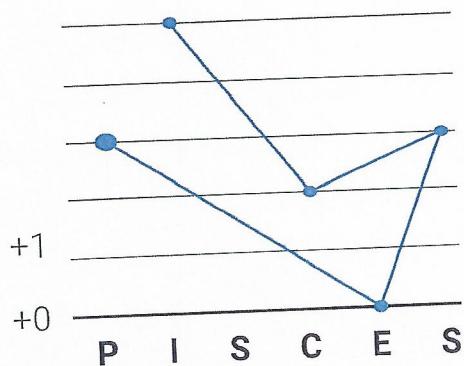
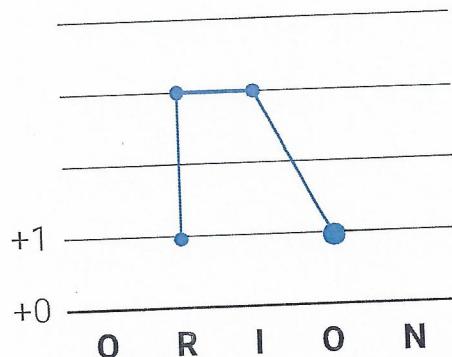
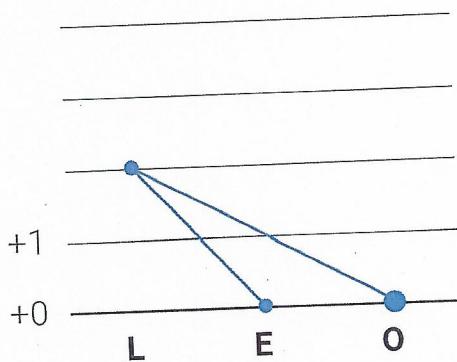
Time Dilation: 25

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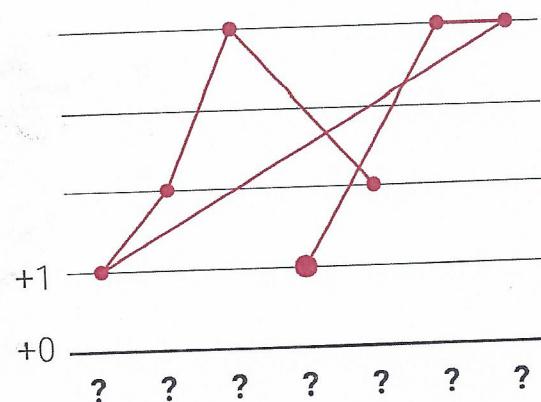
Constellation

After years of studying constellation charts, you've finally discovered a constellation of your own. What will you name it?



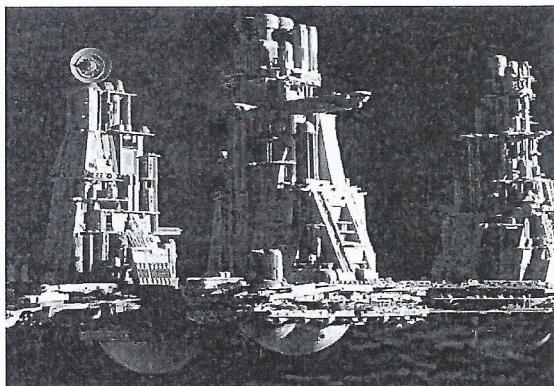
Constellation

After years of studying constellation charts, you've finally discovered a constellation of your own. What will you name it?



Manifest

I love my job, but changing my ride every part of the trip is just killing me. I wish they'd just tell me what I'm driving so I can make sure I'm delivering the right thing.



(8)

Wares

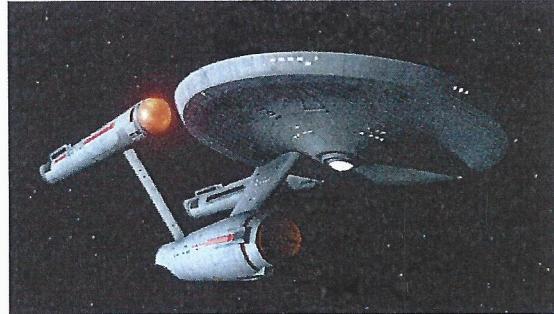
- 1 Octopode
- 6 Believable
- 3 Chestbursters
- 9 Self-Destructors



(8)

Wares

- 10 Retinal Telescopes
- 1 Additional Pylon
- 7 Hot Peepers
- 8 Abducens



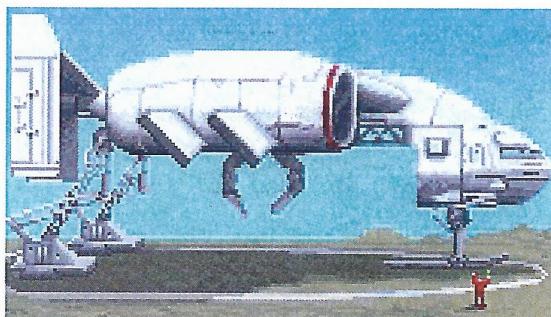
(10)

Wares

- 2 Phasers
- 4 Businesses
- 1 Portal Beam
- 6 Game Enders

Manifest

I love my job, but changing my ride every part of the trip is just killing me. I wish they'd just tell me what I'm driving so I can make sure I'm delivering the right thing.



(8)

Wares

- 7 Windtraps
- 3 Unmakers
- 4 Atreides
- 2 Kwisatz Haderach



(9)

Wares

- 6 Hiveminds
- 8 Innocents
- 9 Gathered Hens
- 2 Dwellings



(8)

Wares

- 2 Balances
- 7 Glowworms
- 5 Washer Dryers
- 8 Ataraxis

...but What Killed Curiosity?

Last night, the Curiosity Rover fell off a crater due to some poorly commented code. The damage report is spotty, and the signals are confusing, but we have some clues. Can you decipher them to work out which components are still intact, and which are broken?

Note that 'adjacent' or 'line' include diagonals, horizontals and verticals. Zero is even.



N S O N H R C L U D N P N

S ✓ Generator	N ✗ Robotic Arm	X ✓ Heat Rejection System (HRS)	O ✓ Radiation Detector	R ✓ UHF Antenna
R ✓ Environmental Monitoring Station (EMS)	E ✓ Hand Lens Imager (HLI)	S ✗ X-Ray Spectrometer	O ✗ Soil Analyser	N ✗ Dust Removal Tool
A ✗ ChemCam	H ✗ Dynamic Albedo of Neutrons (DAN)	R ✓ Rock Scoop	R ✗ Radios	C ✗ Drill bits
L ✗ Mast	L ✗ X-Band Transmitter	U ✗ Wheels	M ✓ Brain	D ✗ Wheel Suspension
N ✗ Differential	E ✓ Thermocouples	F ✗ Legs	N ✗ Chassis	P ✓ Lithium-ion Batteries

→ 3 rows

~~S X A C M P E~~

S X A C M P E → SAMPLE
→ EXAMPLE

ERROR

...but What Killed Curiosity?

Last night, the Curiosity Rover fell off a crater due to some poorly commented code. The damage report is spotty, and the signals are confusing, but we have some clues. Can you decipher them to work out which components are still intact, and which are broken?

Note that 'adjacent' or 'line' include diagonals, horizontals and verticals. Zero is even.



- 1. The **Lithium-ion Batteries** work *iff* the **Generator** and the **Thermocouples** are intact.
- 2. If the **Mast** is broken, so is the **DAN**.
- 3. There are an even number of intact components in each row & column.
- 4. All but 1 intact component are adjacent to 2 or more broken components; no intact component is adjacent to 0 broken components.
- 5. If the **Differential** is broken, the **EMS & HRS** are ok.
- 6. There is a line of 5 intact components.
- 7. If the **Legs** are intact, so is the **Chassis**.
- 8. There are more intact than broken components in the corners.
- 9. The bottom row contains three broken components.
- 10. If the **Thermocouples** are broken, so is the **UHF Antenna**.

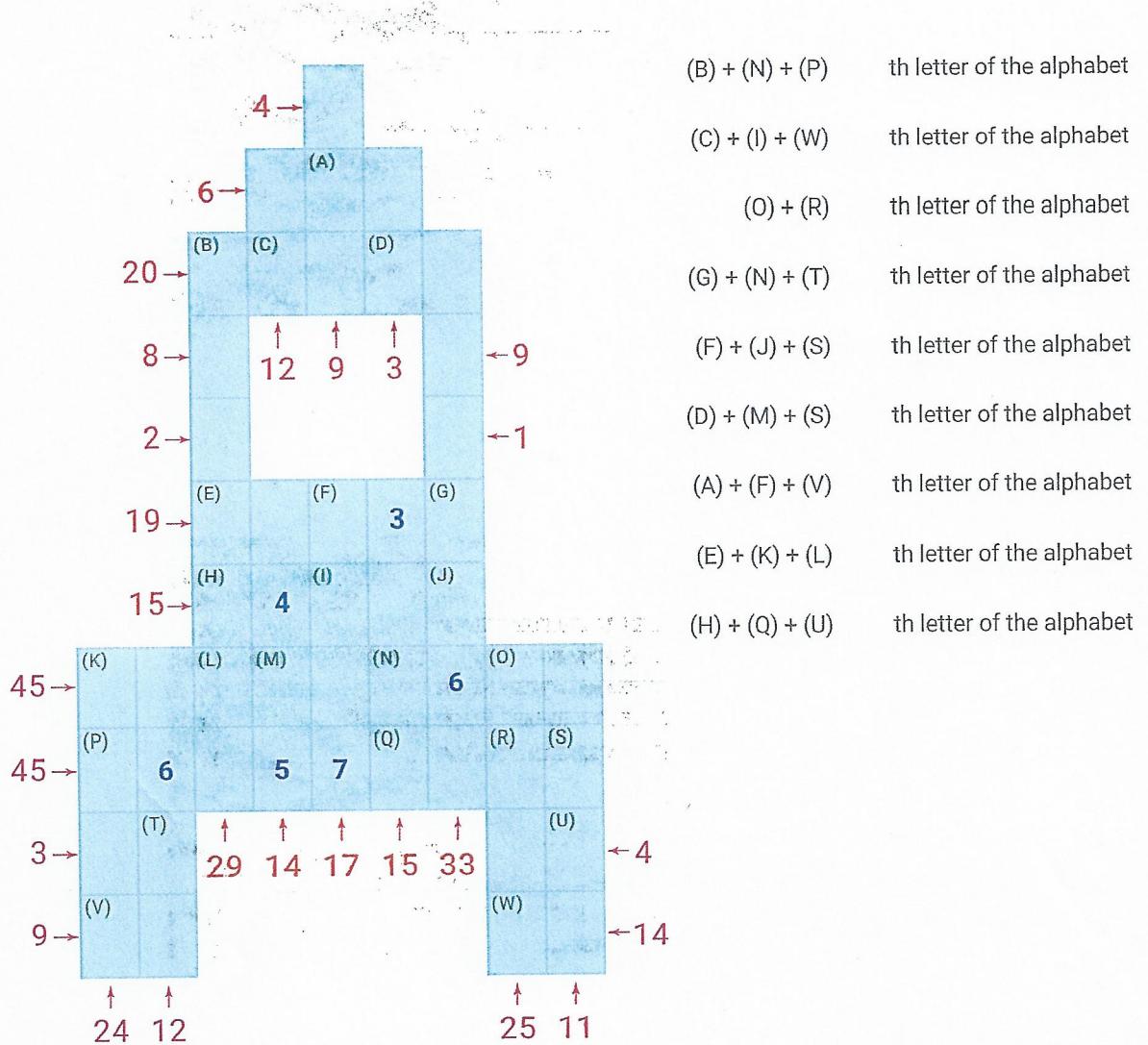
Zergoid Invasion

Oh no! Your rocket ship is under invasion by the alien Zergoids!

Figure out how many Zergoids are currently located in each of your rocket ship's 49 compartments.



Each compartment contains between 1 and 9 Zergoids, inclusive. The red numbers indicate the total number of Zergoids in a particular blue strip of compartments. Within a strip, each compartment must contain a distinct number of Zergoids (no two compartments in the same strip may be labelled with the same number). When you're done accounting for all the Zergoids, you will be able to decode the answer to this question: What is the Zergoids' natural enemy from Earth?



Time Dilation

As VP of Google X, I've been test-flying a new rocketship. It's very hi-tech, but the cockpit still has trusty old analog controls and ticking chronograph. Today, I flew to **All-Hands** meetings with teams in various offices around the galaxy. The meeting times are when our **positions line up** for easy communication.

Since the ship flies so fast, I experience clock drift every time I travel to a new meeting point.

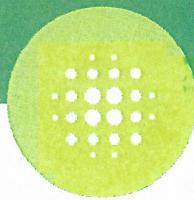


Meeting Time	My Time
	7:19
	8:23
	9:48
	10:36
	12:00
	1:02
	1:58
	3:11
	4:03
	5:16

Who am I?

Patterns in the Sky

There are patterns in the sky, I know it! If I could just figure out what they are...



Constellations

Tucana
Aries
Ursa Minor
Reticulum
Ursa Major
Sagittarius

Space Probes

Voyager 1
Pioneer 5
Zond 3
Ranger 5
Mars 3
Mariner 2
Luna 5

Satellites

EUSO
UWE
WMAP
ISO

Moons

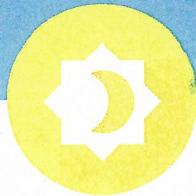
Taygete
Mimas
Setebos
Ferdinand
Chaldene

Stars

Maasym
Meissa
Alfeccia Meridiana
Theemin
Capella
Bellatrix
Ankaa

Big Bang

When moving from one word to the next, you can add a letter, remove a letter, OR replace a letter. Can you change BIG into BANG?
The clues are NOT necessarily in order!



Clues:

- After a bad joke: _____ it?
- Alternative to a fold; something you don't want to lose
- Attention hog, or dead pig
- Busiest January 2 spot
- Chewy glob
- Converse
- Exercise cerebral tissue
- Express gratitude
- Face's lowest point
- Famous Jackie
- Fire someone (slang)
- For example, "One of us. One of us."
- Graph
- Hurt
- Institute of interest
- It's for pushing and popping
- One, or zero
- Physique of Brownies' famous Mints
- Precedes breaking, bend, ground, and woods
- Sleeveless, or home for fish
- Sing without words
- Stem
- The T in MJ's PYT
- Valuable stone
- Win over, bracelet-style

B I G
o _____ : get

B A N G

Objects in Space



1	2	3	4	5		6	7	8	9	10	
11						12					
13					14						
15									16	17	18
19				20		21	22	23	24		
					25						
26	27	28	29	30							
31											
32						33	34		35	36	37
38						39		40			
	41	42	43	44	45						
46							47				
48							49				

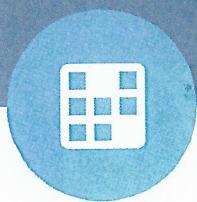
Objects in Space



ACROSS

1. Colosseum
6. Gay bomber?
11. Powerful panel?
12. Henry VII's dynasty
13. Solar system region containing Pluto
15. Biltmore for example
16. Go quickly
19. Duet partner for John on "Don't Go Breaking My Heart"
20. SpaceX founder
25. Where a dog might chase a bear
26. The theme of the Google Games 2015
31. Half man, half horse
32. Werewolf transformation cause
35. Ravenous author?
38. Ruth Porat's job for short
39. The original Brylcreem for example
41. Second man on the moon
46. Eat in Berlin
47. Not quite right
48. Sink unclogger
49. Mean

Objects in Space



DOWN

1. Requested, with for
2. Wake up
3. The "1%"
4. California wine region
5. Sharp mountain ridge
6. Seventh greek letter
7. Small lump
8. Poem of praise
9. Common internet utterance
10. Robert A. Heinlein contemporary Clarke
14. HTML tag commonly set to nofollow
17. Response to "understand?"
18. Barely manage, with out
21. Coda
22. Org. headed by Jonathan B. Jarvis
23. Maple syrup predecessor
24. NYC subway runner
26. French egg
27. Brainless?
28. Packet lifespan lim.
29. Unit of corn
30. Bacardi product
31. Ozone layer destroyer abbr.
33. Common cry at a Greek wedding
34. Interstellar director
35. City of Lights
36. Author of 8 down
37. Teeny
40. Ex who you might know as Molly?
42. /bin predecessor
43. One of the Gabor pair?
44. Popular type of Buddhism
45. Lennon's wife