

THE COMET CREW

YOUR MISSION STARTS HERE

Bring the crew back to Earth.

A moon crew is stranded. Solve six puzzles, follow the beacons, and collect six letters to send the rescue command.

How to play

1. Start with Mission 1. Solve it together.
2. Your answer is a beacon number from 1 to 6. Copy the letter under that number into your flight log.
3. Use the location board below to find the next envelope. Open only that envelope.
4. Repeat. After Mission 6, visit the last envelope and tell Mission Control your six-letter command.

Your beacon locations

1	Envelope A on the table
2	Envelope B on the table
3	Envelope C on the table
4	Envelope D on the table
5	Envelope E on the table
6	Envelope F on the table

Flight log

1

2

3

4

5

6

Take turns reading, tracing and writing. Ask Mission Control for a hint whenever you need one. Walk; stay in the agreed play area.

THE COMET CREW

01

Fuel for the flight

Our rescue ship needs an exact fuel reading before it can leave the dock.

Start with 8 fuel cells. Collect 3 more. Use 7 cells. How many cells remain?

8

+

3

-

7

=

?

BEACON

START

COLLECT

USE

Space for your calculations

Send your answer

My beacon number is _____. Circle that number below and copy its letter into flight-log box 1.

1	2	3	4	5	6
K	D	N	P	D	B

Find that beacon on your Flight Board. Go to its location and open the next envelope.

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02

Across the star field

The navigation computer has gone quiet. Follow its last set of instructions.

Start at ★. Move one square for each arrow. Read the beacon number in your final square.

2	3	4	5
2	2	4	1
2	4	5	6
★	6	5	3

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- 1. → right
- 2. ↑ up
- 3. → right
- 4. ↑ up
- 5. ← left

Send your answer

My beacon number is _____. Circle that number below and copy its letter into flight-log box 2.

1	2	3	4	5	6
T	L	S	G	O	M

Find that beacon on your Flight Board. Go to its location and open the next envelope.

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03

A message from the moon

A friendly moon station has sent its beacon number in a number-code.

Replace each code token with its letter. Read the number word you discover.

20 18 19

— — —

11 = I	20 = O	13 = S	18 = N
12 = U	19 = E		

Send your answer

My beacon number is _____. Circle that number below and copy its letter into flight-log box 3.

1	2	3	4	5	6
A	M	E	C	M	J

Find that beacon on your Flight Board. Go to its location and open the next envelope.

THE COMET CREW

04

Find the supply planet

Only one planet matches both clues. Its rescue beacon will lead us onward.

Find the planet that matches BOTH clues. Use its beacon number.

CLUE 1 It has exactly 2 moons.

CLUE 2 It has rings.

BEACON	RINGS?	MOONS
1	No	2 • •
2	No	3 • • •
3	Yes	2 • •
4	Yes	3 • • •
5	Yes	1 •
6	No	1 •

Send your answer

My beacon number is _____. Circle that number below and copy its letter into flight-log box 4.

1	2	3	4	5	6
U	Q	N	O	G	Q

Find that beacon on your Flight Board. Go to its location and open the next envelope.

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05

Tune the rescue radio

Six beacons are sending pulse counts. Find the right signal to reach the crew.

Put the pulse counts in order from smallest to largest. Choose the beacon with the THIRD count.

BEACON	PULSE COUNT
1	4
2	2 ..
3	10
4	12
5	8
6	6

Send your answer

My beacon number is _____. Circle that number below and copy its letter into flight-log box 5.

1	2	3	4	5	6
F	Y	O	U	K	E

Find that beacon on your Flight Board. Go to its location and open the next envelope.

THE COMET CREW

06

The return signal

The stranded crew has one last signal for us. Match it to open their rescue route.

Read the signal from RIGHT TO LEFT. Find the beacon with that reversed order.

CREW SIGNAL



BEACON	SIGNAL
1	circle square diamond diamond
2	diamond circle square circle
3	square diamond triangle circle
4	circle square circle circle
5	square circle triangle circle
6	diamond circle diamond diamond

Send your answer

My beacon number is _____. Circle that number below and copy its letter into flight-log box 6.

1	2	3	4	5	6
A	P	B	D	T	J

Find that beacon on your Flight Board. Go to its location and open the next envelope.

THE COMET CREW



TRANSMISSION RECEIVED

Ready for rescue?

Read the six letters in your flight log, from box 1 to box 6. Tell Mission Control your command.



Once Mission Control confirms your command:

The Comet Crew

You brought the moon crew home.
Your teamwork saved the mission.

Mission Control: _____ Date: _____