

Clockmaker Birthday Repair

Player clue 1: Steps | Team 1

Welcome, birthday explorers! Restart a paper clock for the birthday celebration. Find five badge numbers. Use them on the last page. You can help each other and ask me for hints.

Use the BEFORE rules to put the four cards in order. Take the number on card 4.

Build the model [6]

Draw a plan [2]

Show the model [8]

Gather paper [4]

Draw a plan BEFORE Gather paper

Gather paper BEFORE Build the model

Build the model BEFORE Show the model

Read position 4 (positions start at 1).

Steps badge: _____

Clockmaker Birthday Repair

Player clue 2: Dial | Team 1

Use the symbol key to decode the message. Use the word-to-number table to turn the word into a digit.

Start after badges: Steps.



triangle = O



square = N



circle = E



triangle



square



circle

ONE = 1

Dial badge: _____

Clockmaker Birthday Repair

Player clue 3: Gear | Team 1

Imagine folding the right half onto the left along the dashed line. At the starred square, add the two numbers that meet. No cutting or folding is needed.

Start after badges: Steps.

1	* 1	2	3
2	1	3	1

Fold RIGHT half onto LEFT. * marks the target.

Paper-only alternative: pair 1 with 4 and 2 with 3.

Gear badge: _____

Clockmaker Birthday Repair

Player clue 4: Hands | Team 1

Choose the card that matches BOTH required properties. Copy its digit.

Start after badges: Steps.

Rule: craters = yes

Rule: tail = no

Hands A - digit 3

craters: yes / tail: no

Hands B - digit 7

craters: no / tail: no

Hands C - digit 0

craters: yes / tail: yes

Hands badge: _____

Clockmaker Birthday Repair

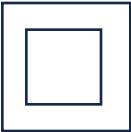
Player clue 5: Face | Team 1

Compare the two strips position by position. How many positions have different shapes? Count positions, not shapes.

Compare matching numbered positions.

A

















1

2

3

4

5

6

7

8

B

















1

2

3

4

5

6

7

8

Do not count title, labels, or boxes as differences.

Face badge: _____

Clockmaker Birthday Repair

Player clue 6: Final | Team 1

Place each badge digit in its named slot. Follow the printed reading order and join the five digits.

A2: Steps ?	B2: Dial ?	C2: Gear ?
D2: Hands ?	E2: Face ?	

READ SLOTS IN THIS ORDER:

B2 > D2 > A2 > E2 > C2

Final badge: _____

Need help? Ask your host for one hint at a time.