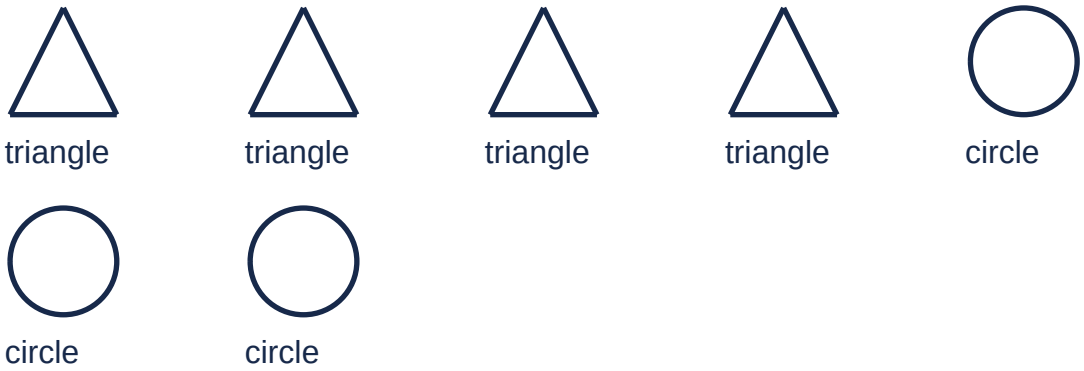
Cupcake Constellation

Player clue 1: Stars | Team 1

Welcome, birthday explorers! Arrange paper cupcake stars to finish the birthday constellation. Find five badge numbers. Use them on the last page. You can help each other and ask me for hints.

Count only the triangle shapes. Write that number on your Stars badge.



Stars badge: _____

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Player clue 2: Orbit | Team 1

The rule is: add 2 each time. What comes next? Write the next number.

RULE: add 2 each time

1	**3**	**5**	**?**

Orbit badge: _____

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Player clue 3: Ribbon | Team 1

Find the card with the same shape AND marking as the target. Copy its digit.

Start after badges: Stars.

TARGET: circle, plain

○	circle / plain - digit 7
△	triangle / plain - digit 0
○	circle / dots - digit 2

Ribbon badge: _____

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Player clue 4: Steps | Team 1

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

Start after badges: Stars.

Build the model [3]	**Draw a plan [8]**
Show the model [5]	**Gather paper [1]**

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: _____

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Player clue 5: Tray | Team 1

Every parcel weighs the same whole number from 1 to 9. Use the balance rule to find the weight of ONE parcel.

Start after badges: Orbit.

2 parcels + 0 loose units = 2 units

One parcel = ? units. Whole numbers 1-9.

All parcels have equal weight.

Tray badge: _____

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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: Stars ?	**B2: Orbit** ?	**C2: Ribbon** ?
D2: Steps ?	**E2: Tray** ?	

READ SLOTS IN THIS ORDER:

B2 > E2 > C2 > A2 > D2

Final badge: _____

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