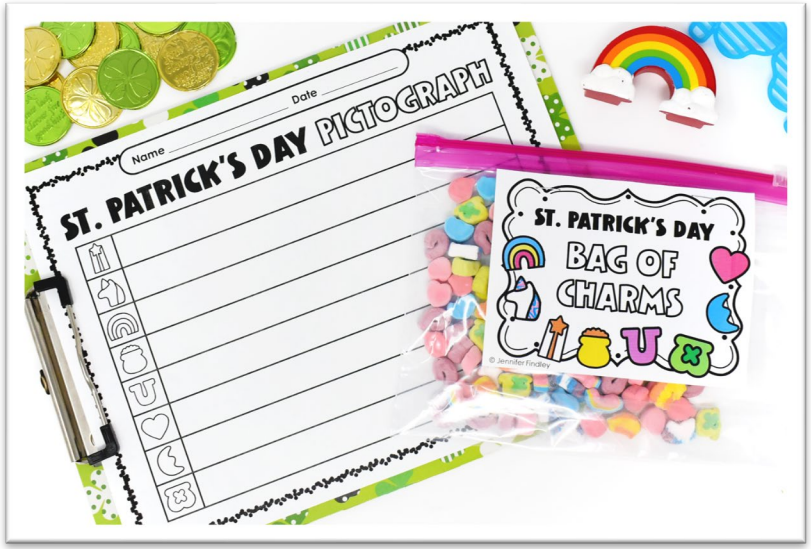
ST. PATRICK'S DAY PICTOGRAPH

1. Count the marshmallows in your bag.
2. Create a pictograph showing how many marshmallows of each shape you have.
3. Use the data on your pictograph to complete each of the math tasks.

LOOKING FOR MORE ST. PATRICK'S DAY MATH ACTIVITIES?

ABOUT THE RESOURCE

Looking for a fun way to integrate St. Patrick's Day into math this year? Have students create a pictograph with marshmallow charms, then solve grade-level math problems with the data they collected.



I have also included optional covers for zipper-seal bags so you can assemble the marshmallows ahead of the activity. They can be found on page 4.

Procedure:

- Distribute marshmallows to each student (or group of students).
- Have students create their pictograph using the graphing template on page 5.
- Have students solve the follow-up math problems (using the included task cards).
- There are also printable charms included if you prefer to have your students cut and paste them to create their graphs.

Name _____ Date _____

ST. PATRICK'S DAY PICTOGRAPH

Name _____ Date _____

ST. PATRICK'S DAY PICTOGRAPH TASKS

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.

TASK #1

Multiply the number of rainbows by 16.

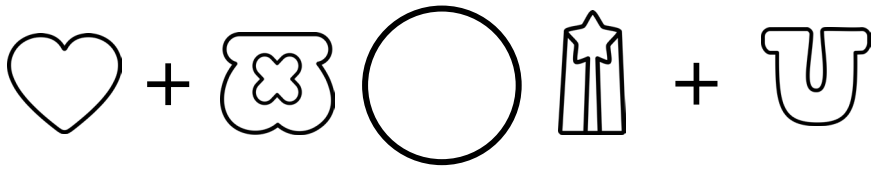
TASK #2

Write a decimal using the following:

- # of hearts in tens place
- # of rainbows in ones place
- # of horseshoes in tenths place
- # of pots of gold in hundredths place
- # of unicorns in thousandths place

TASK #3

Use <, >, or = to complete the following statement.



TASK #4

Write the number of unicorns and moons as a fraction, then write 3 equivalent fractions.

TASK #5

Write a decimal with the number of hearts in hundredths place.

TASK #6

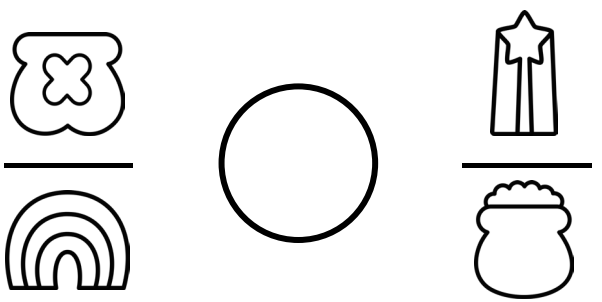
Multiply the number pots of gold by 17.

TASK #7

Add the number of horseshoes and stars, then subtract it from 50.

TASK #8

Compare the fractions below using <, >, or =.



TASK #9

Determine if the total number of charms is divisible by the following numbers. If so, solve the equations.

- ❑ 2
- ❑ 3
- ❑ 5

TASK #10

Multiply the number of stars by 42.

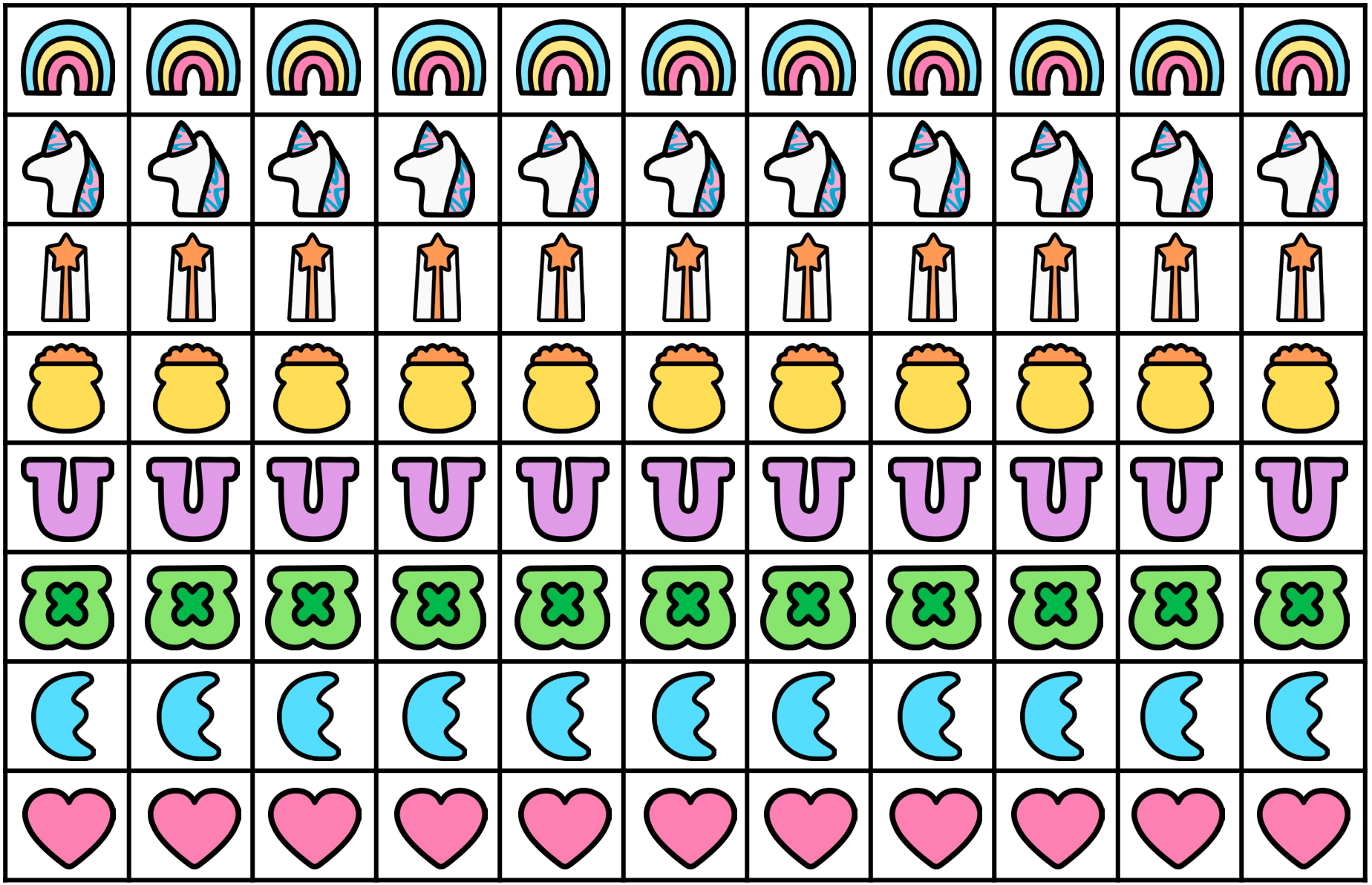
TASK #11

Solve the problem below.

TASK #12

Triple the number of moons.

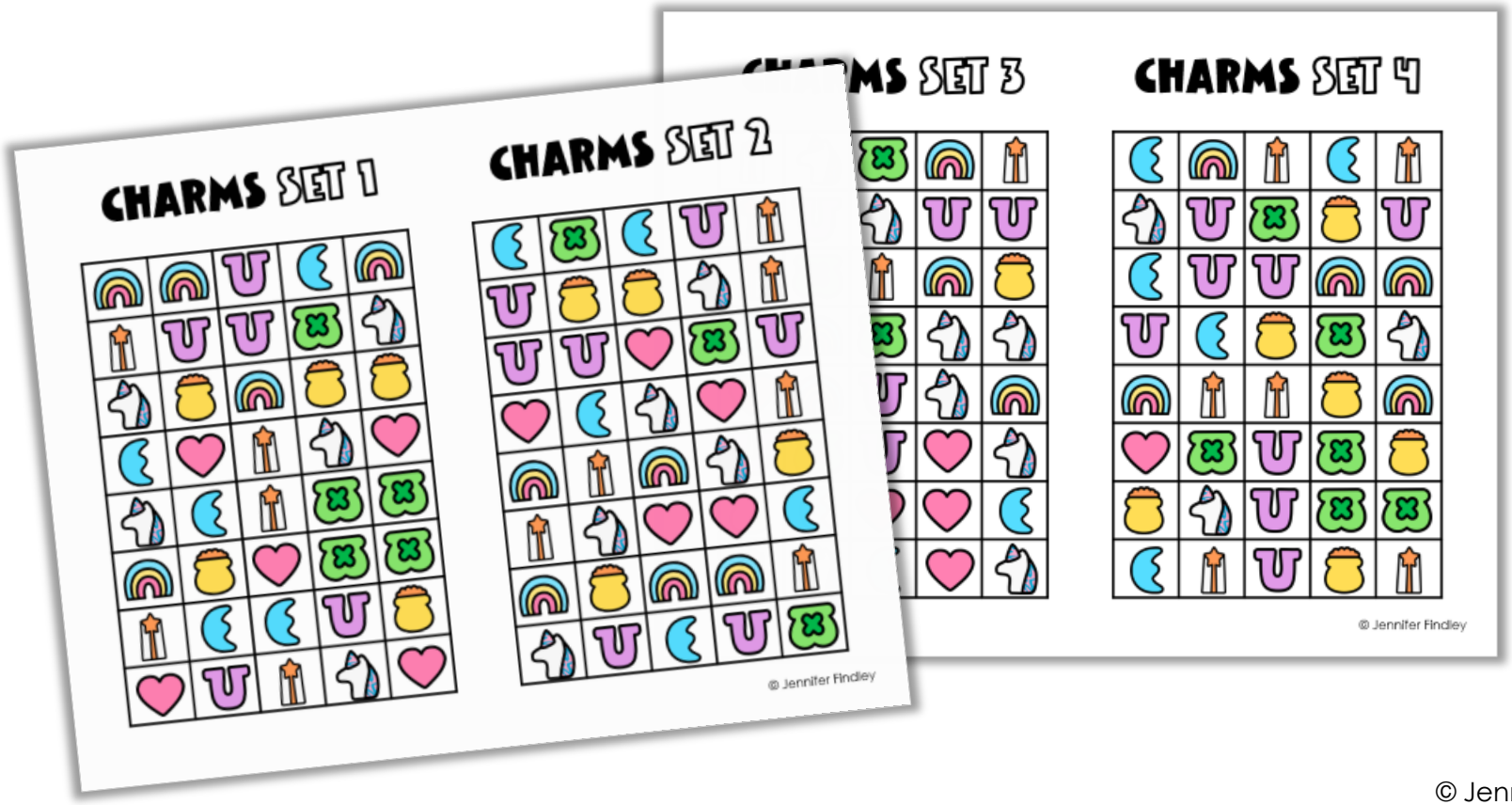
Use the charms below to create your pictograph.



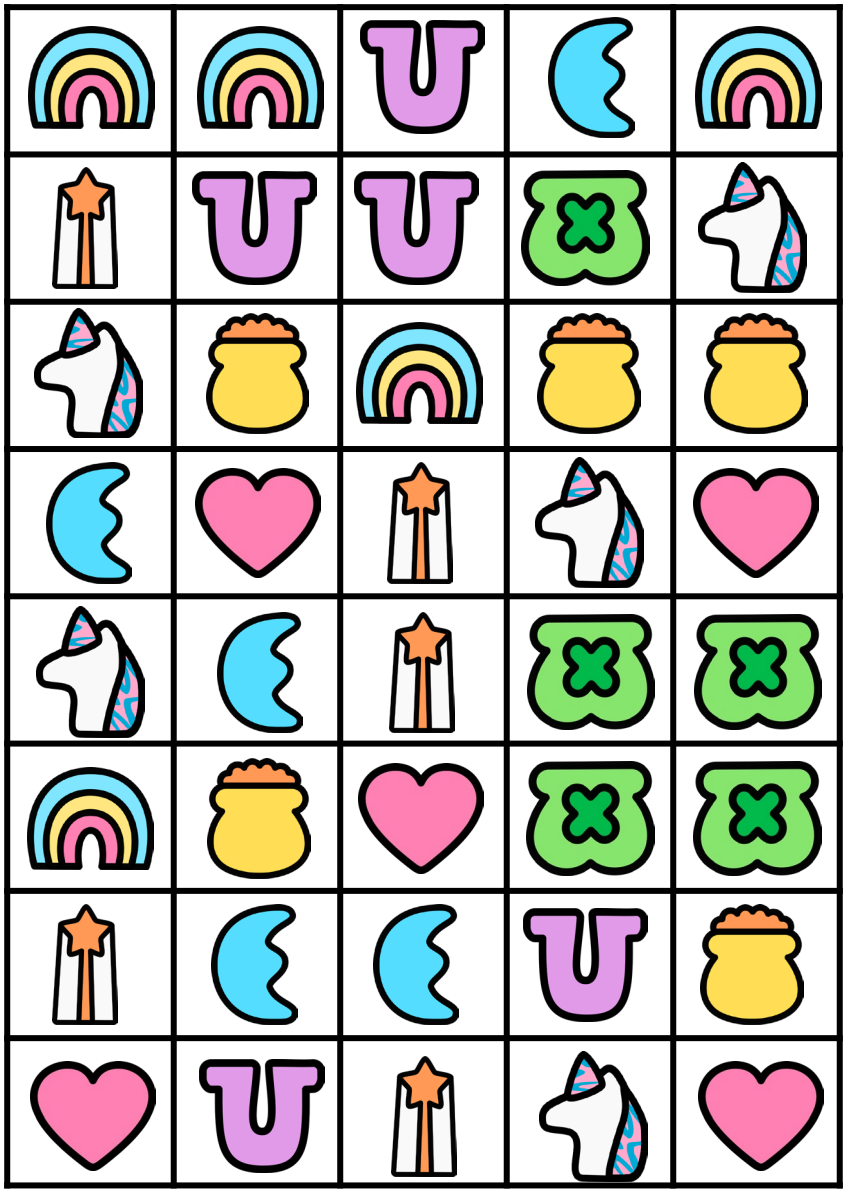
NO CHARMS… NO PROBLEM!

If you don't want to use actual marshmallows to create the graphs, I have included printable sets of charms. There are 10 different combinations in all (arranged 2 per page, perfect for partner work!)

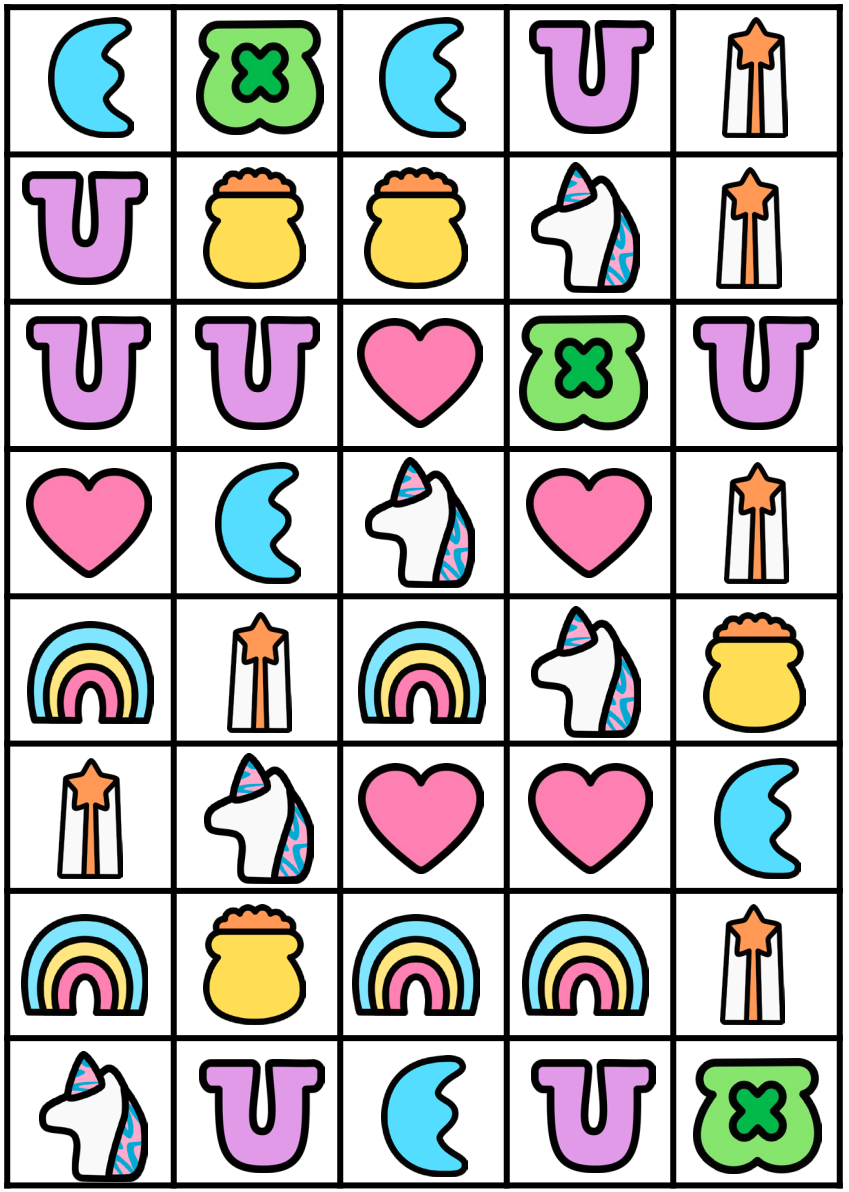
Simply print, have students cut their charms out, and glue to create their graphs!



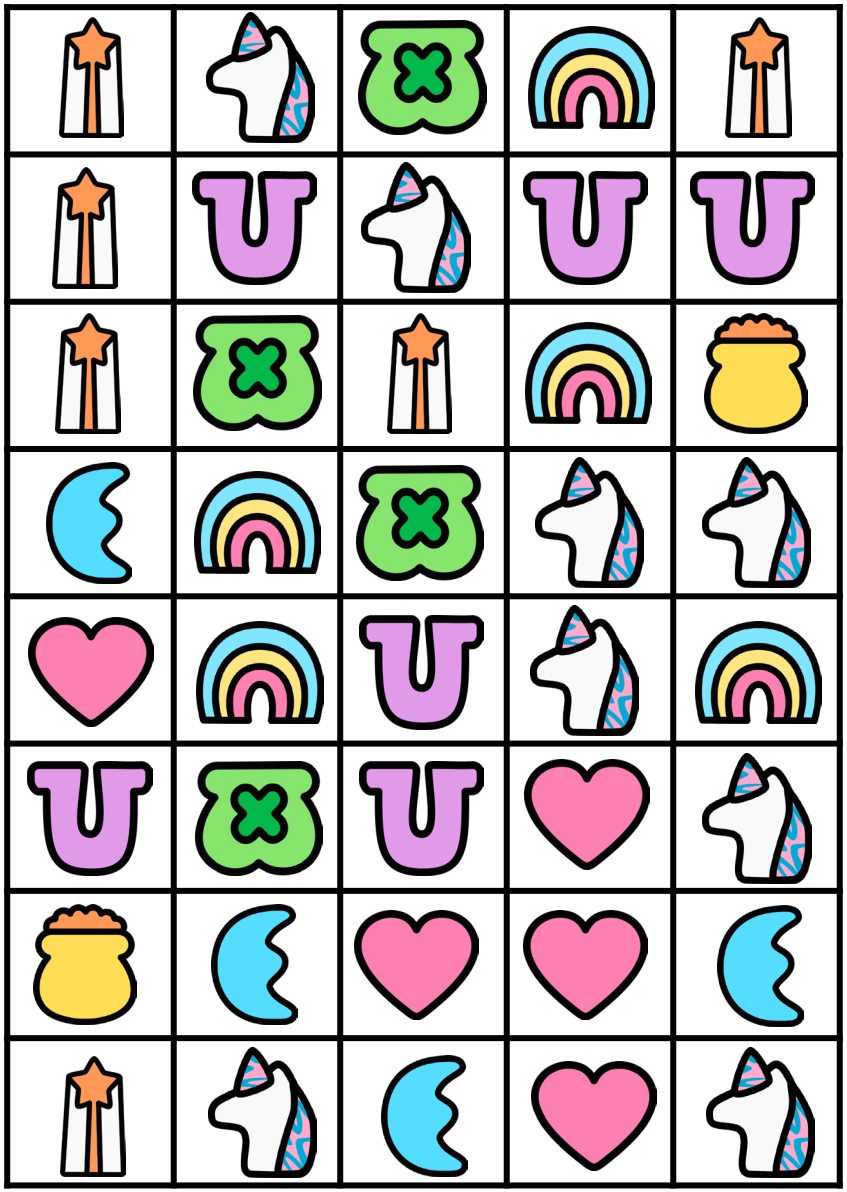
CHARMS SET 1



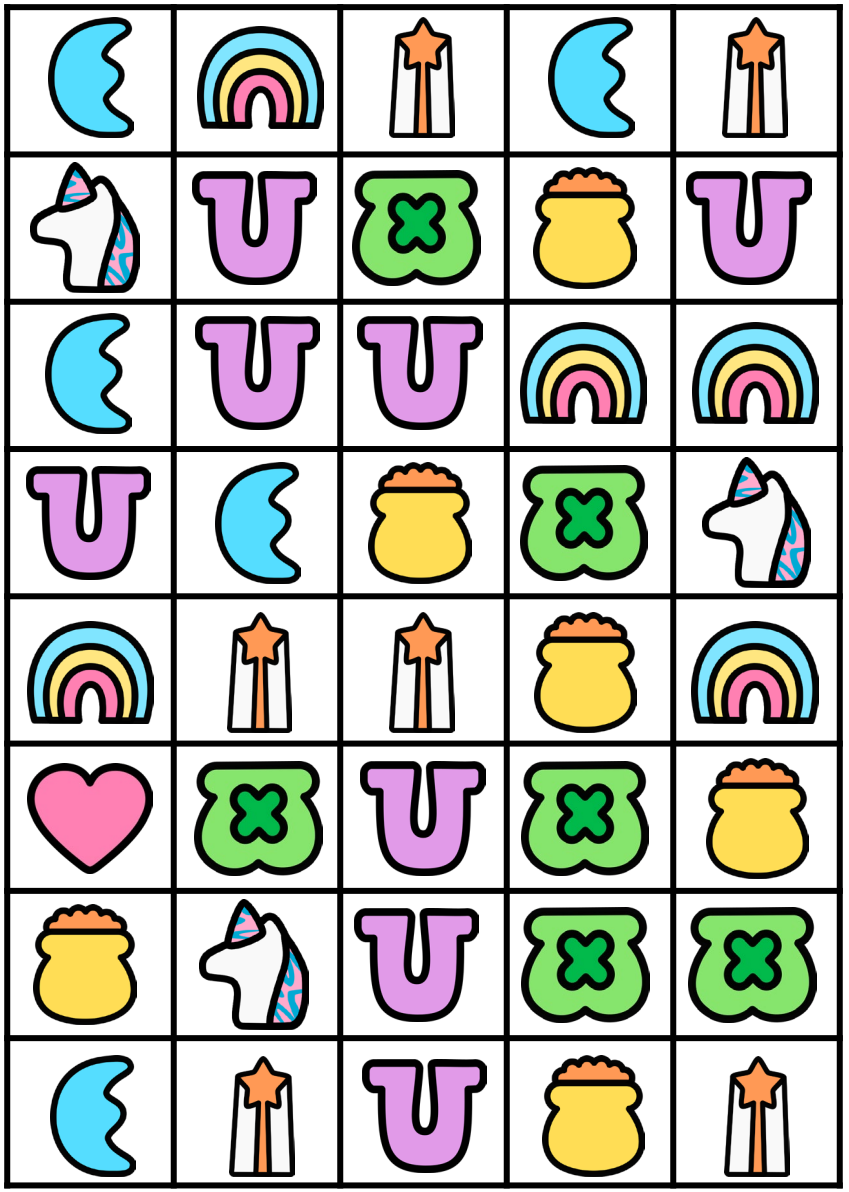
CHARMS SET 2



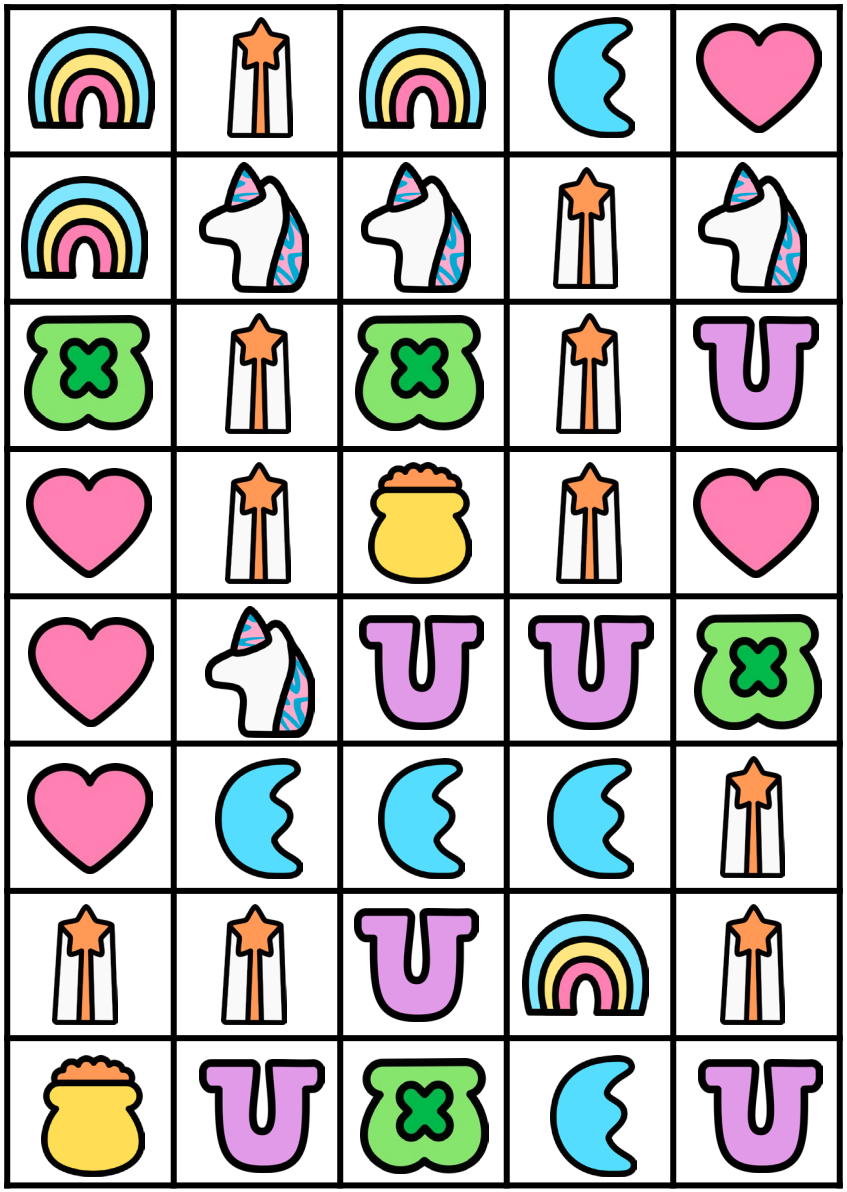
CHARMS SET 3



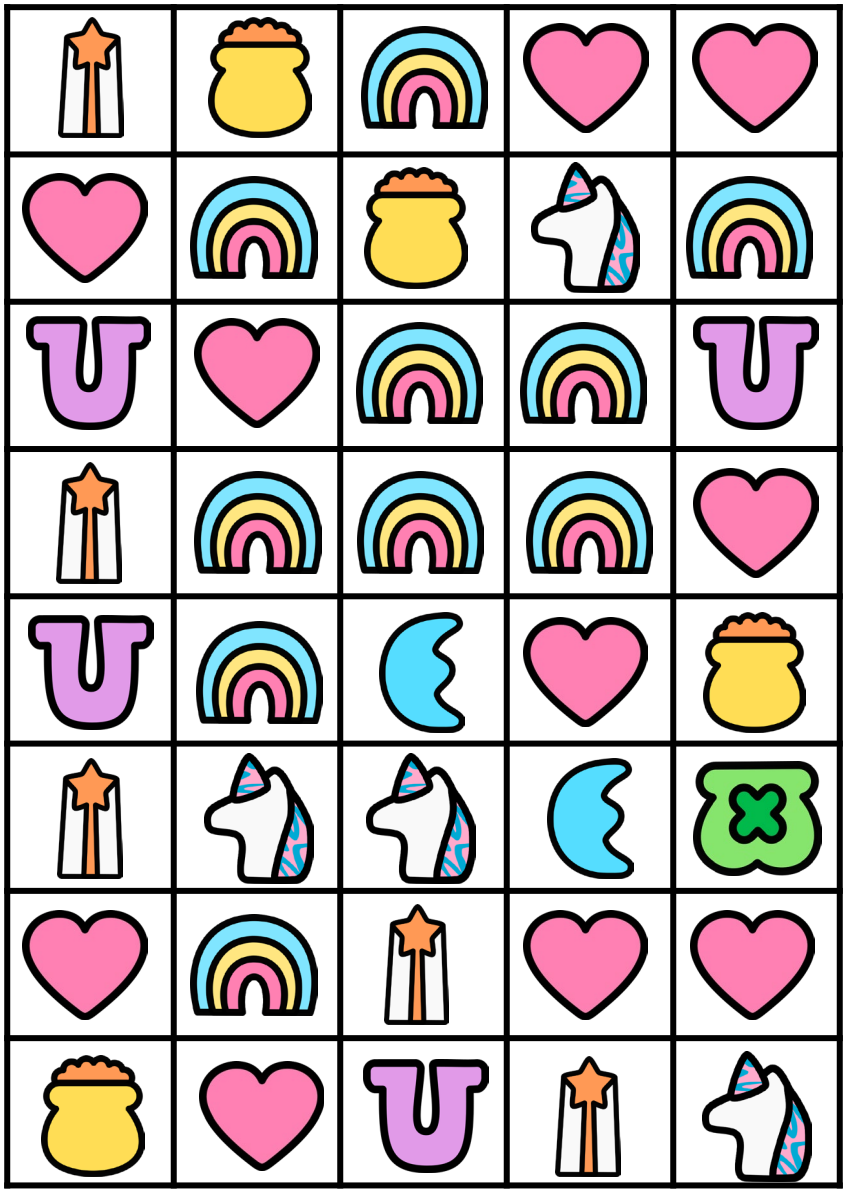
CHARMS SET 4



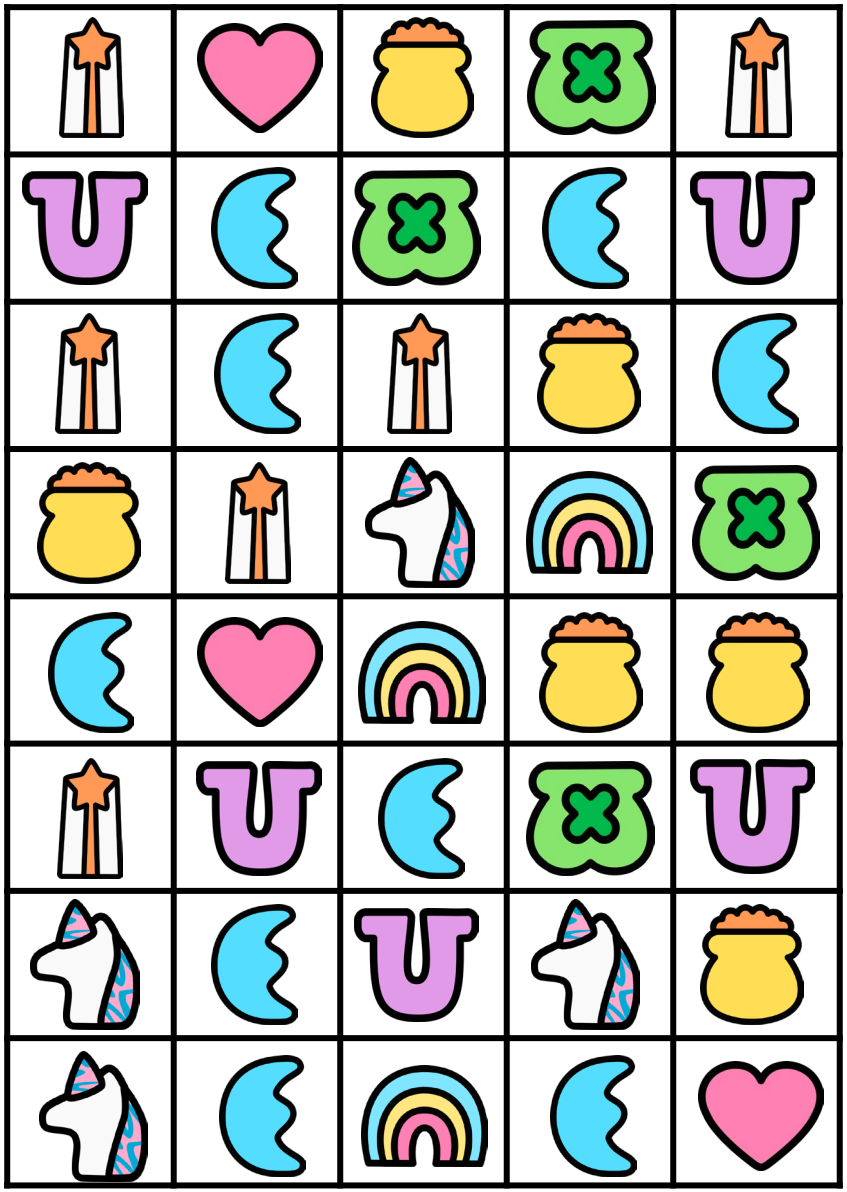
CHARMS SET 5



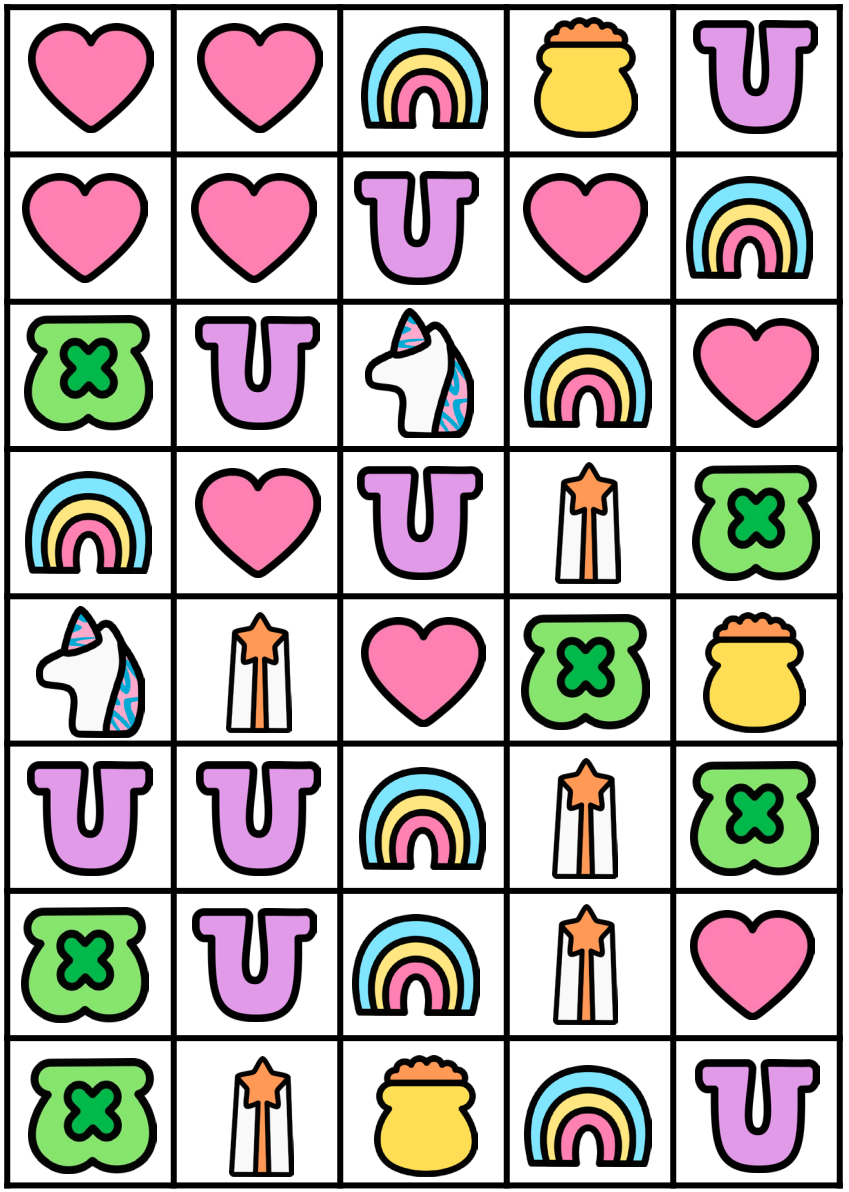
CHARMS SET 6



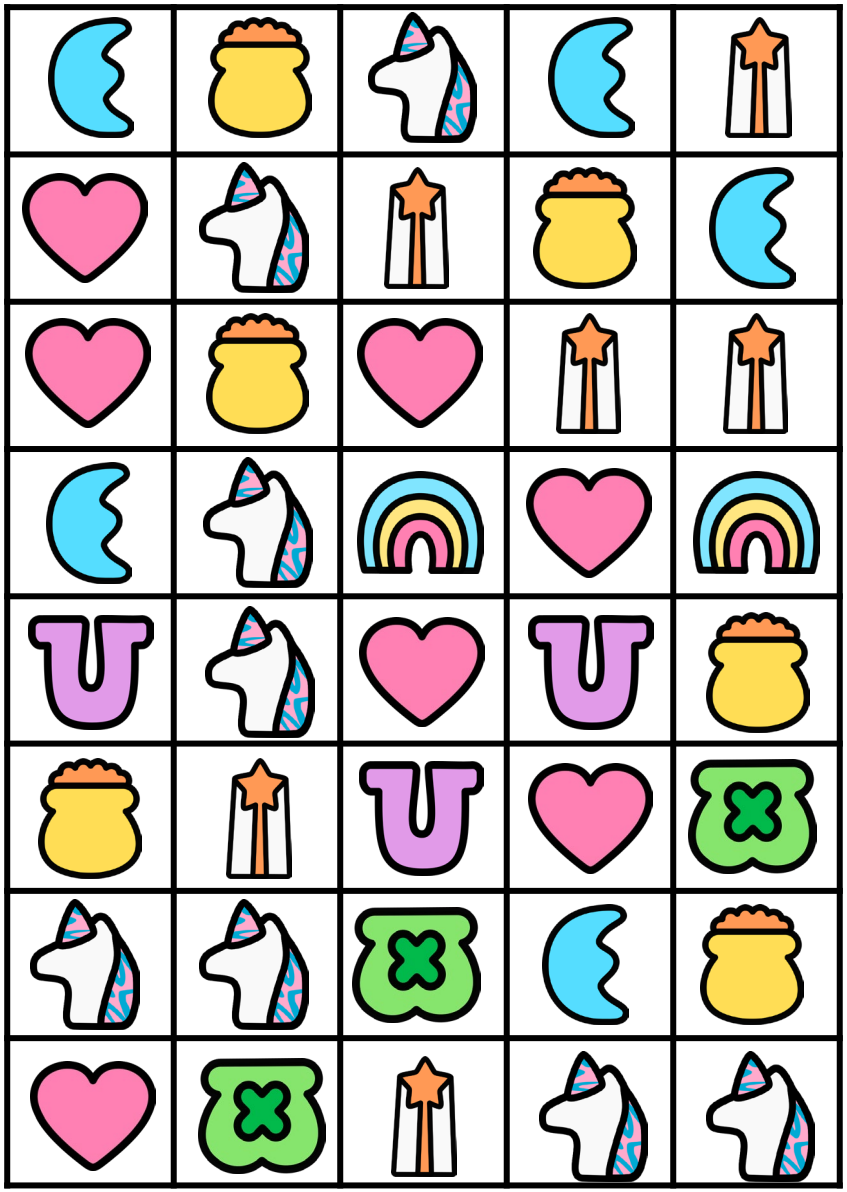
CHARMS SET 7



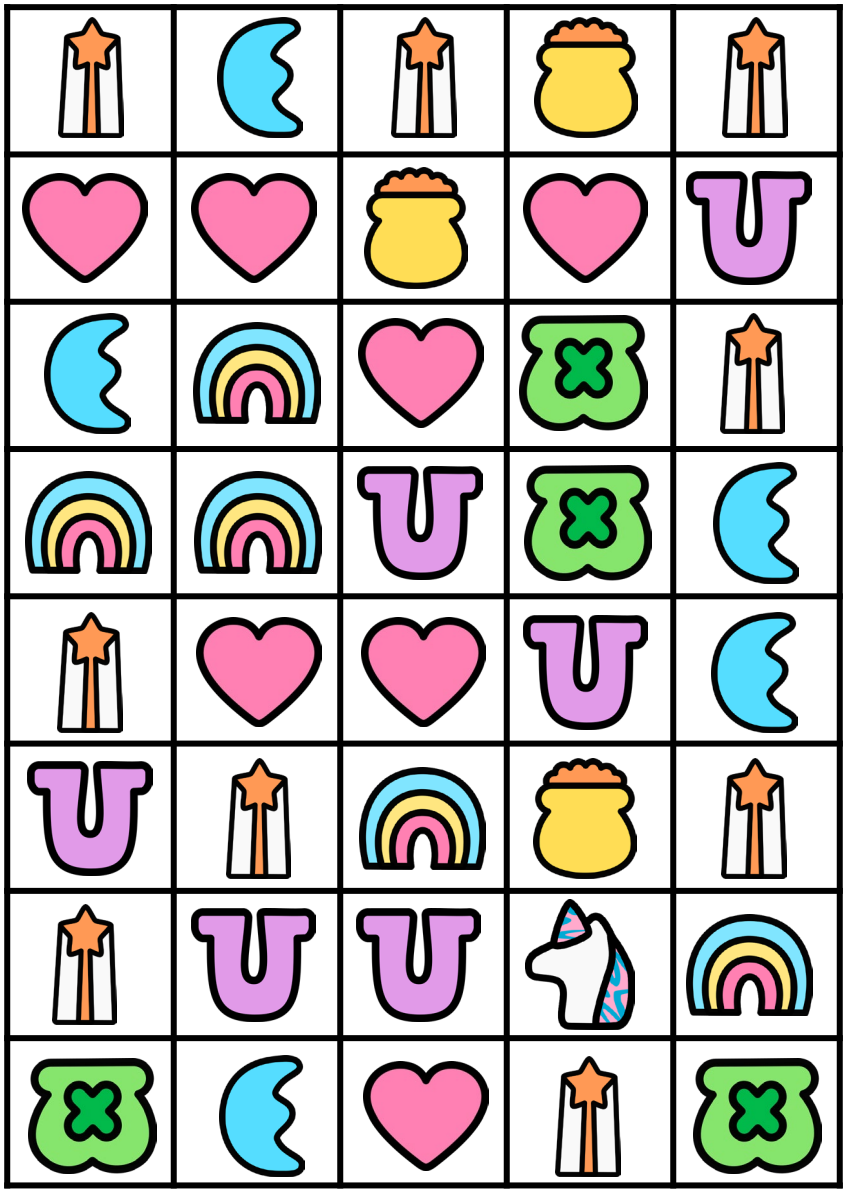
CHARMS SET 8



CHARMS SET 9



CHARMS SET 10



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