

# ☐ Delicious Diagrams

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Thiebaud lined his bakery window with beautiful cakes decorated in different ways. Solve these "delicious diagrams" and you will get to take a few home!

First, print and cut-out the pictures of the individual cakes. If you do not have a color printer, color the cakes like those in the painting. Look carefully at each cake, then follow the directions to find the ones you get to take home.

# Delicious Diagrams

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## **Number 1** (use diagram 1)

- Place all the chocolate cakes (with any chocolate at all) in the left circle.
- Place all cakes with round red candy on top in the right circle.
- Do any cakes have both characteristics—chocolate and round, red candies? Place those in the center where the circles overlap.
- Which cake(s) ended up in the center? Put the "winning cake" in the take-home box: It is yours!

## **Number 2** (use diagram 2)

- Place all cakes with spirals in the left circle.
- Place all cakes with spokes (lines radiating out from the center) in the right circle.
- Put any cakes with both qualities—spirals and spokes—in the middle where the two circles overlap. Place them in your take-home box.

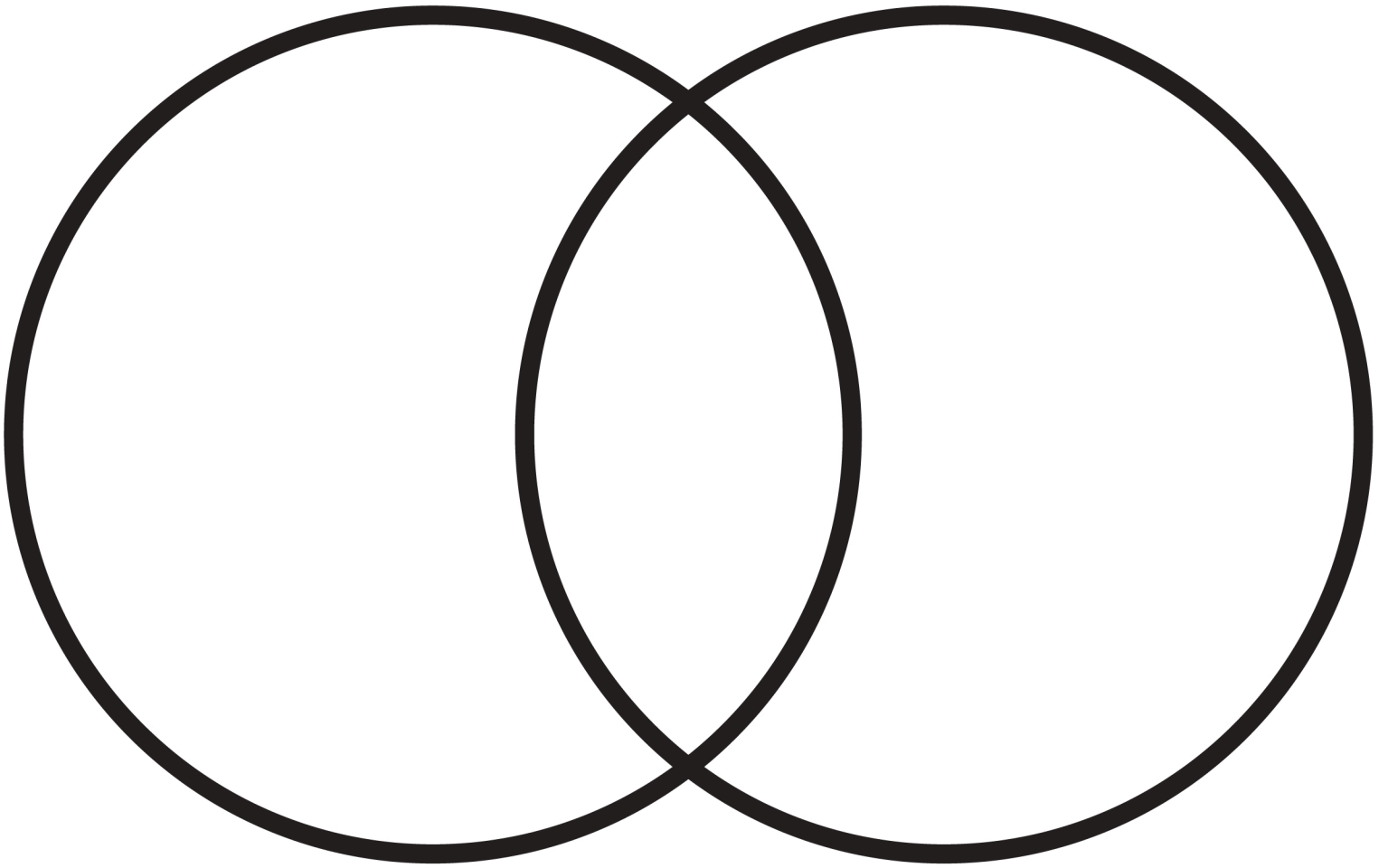
## **Number 3** (use diagram 3)

- Place all cakes with white frosting in the left circle.
- Place all cakes with flowers in the right circle.
- Put cakes with pink frosting in bottom circle.
- Which cake(s) have all three characteristics? Put them in the center, the overlapping section of the "delicious diagram." Move them to your take-home box.

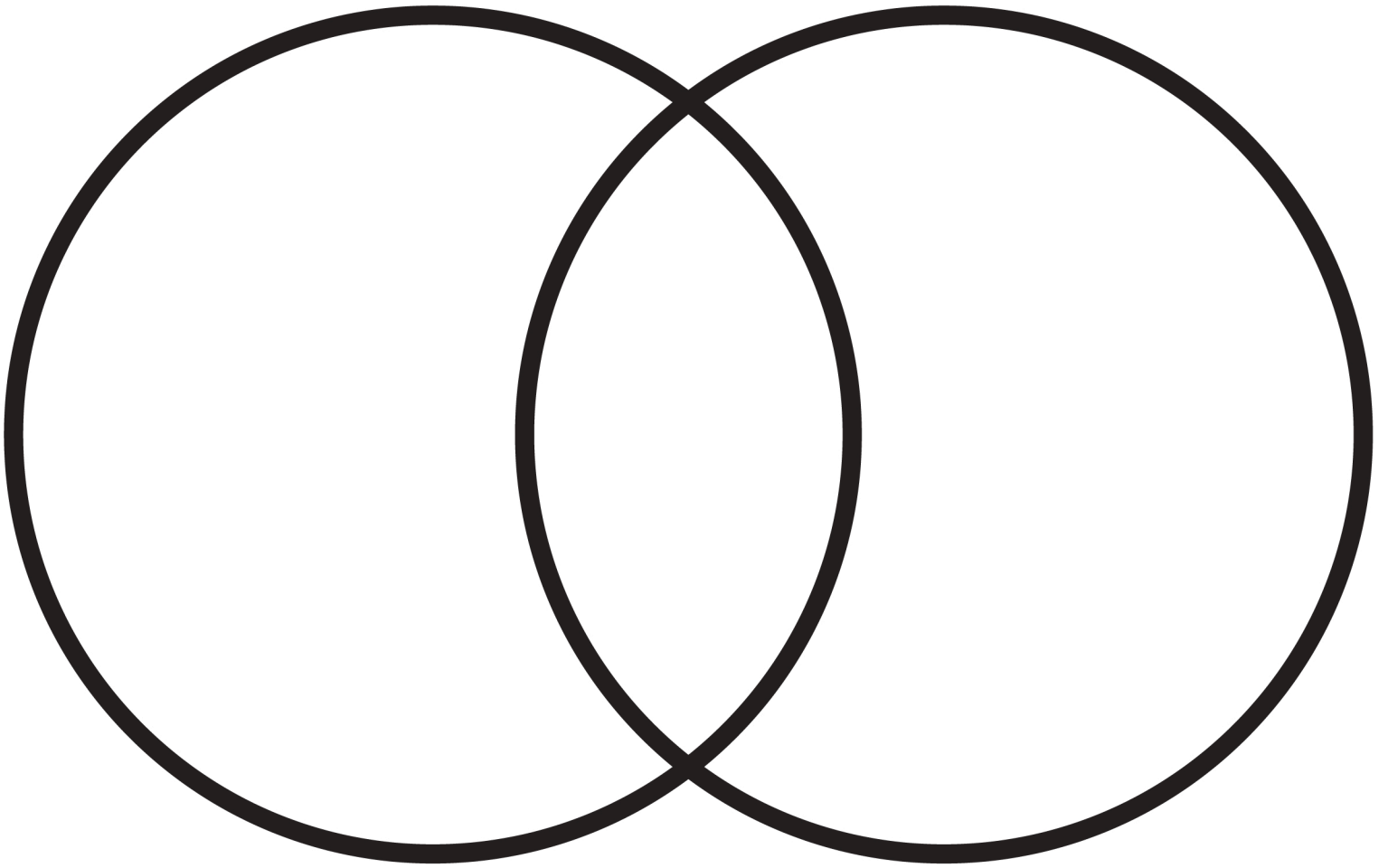
## **Number 4** (use diagram 5)

- Put partial cakes in left circle.
- Place cakes with chocolate in right circle.
- Place cakes with white frosting in bottom circle.
- Which cake goes in the middle? Take it home!

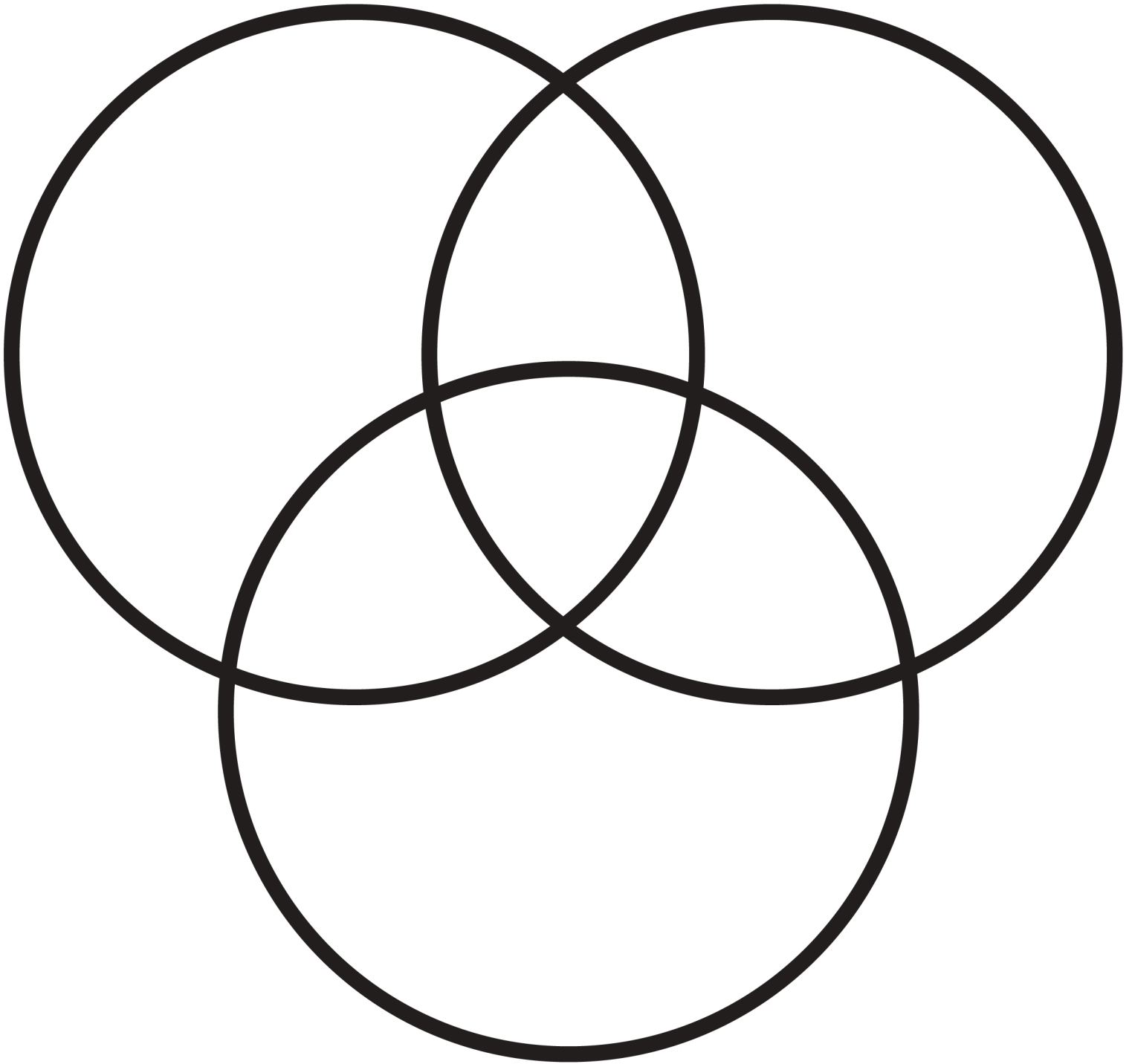
**Diagram 1**



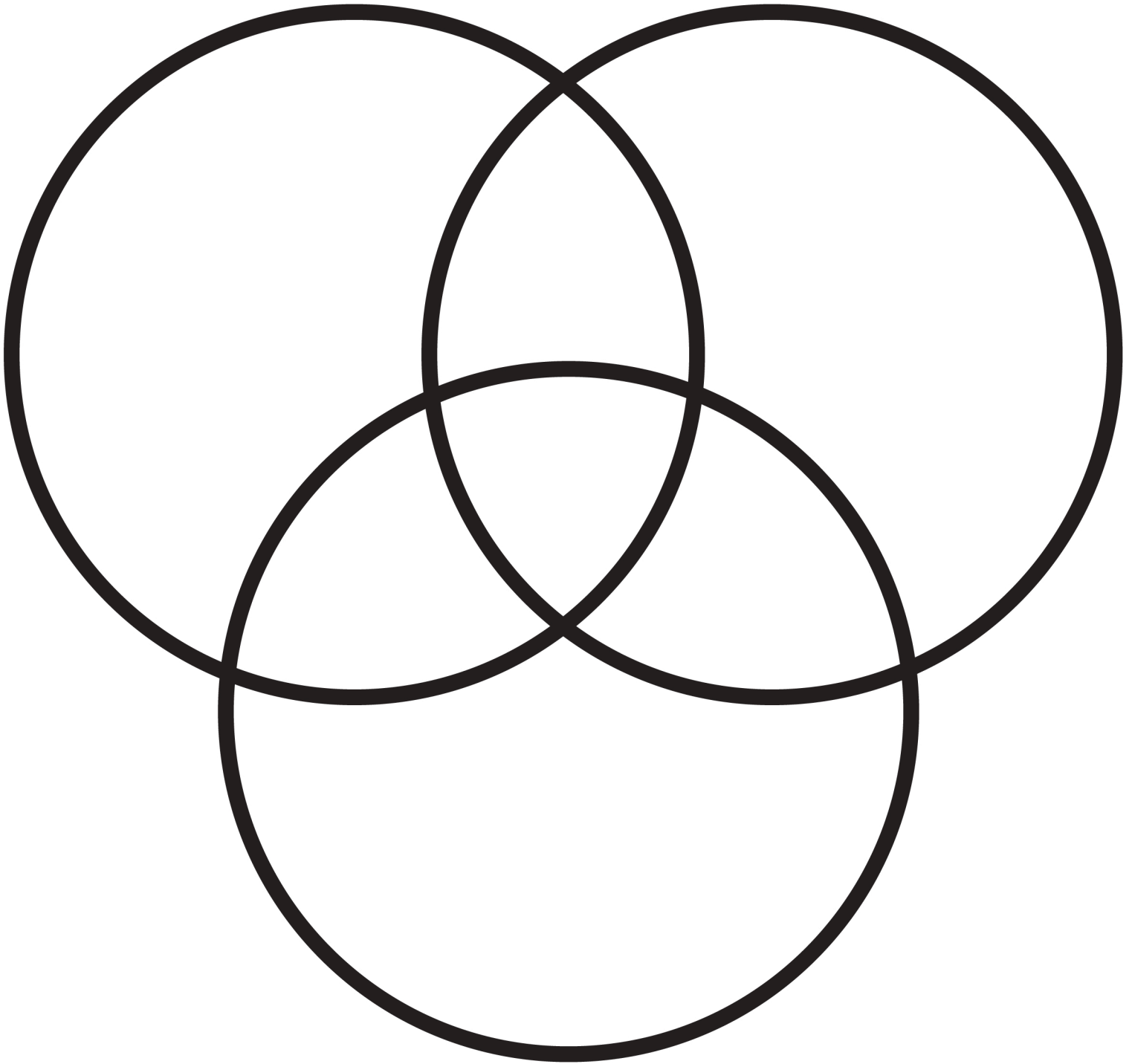
**Diagram 2**



**Diagram 3**



**Diagram 4**



**Take-home box**

