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

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