Objective: I can closely observe a Scratch program and find the scripts that caused the actions.

Scratch Link: Pizza Sharing  (https://scratch.mit.edu/projects/210743380/)

Start with TIPP&SEE!

Get a TIPP from the Project Page.

Play the project and circle the action(s) that happened for each event below.

To run the program, click , then , then press 1 on the keyboard.

1 When I pressed 1, the pizzas were divided into:
   - halves
   - thirds
   - fourths
   - sixths
   - eighths
   - twelfths

2 How many pieces were given to person #1?
   - 0
   - 1
   - 2
   - 3
   - 4
   - 5

3 How many pieces were given to person #2?
   - 0
   - 1
   - 2
   - 3
   - 4
   - 5

SEE Inside.

First click on the Sprite, then find the Event.

4 Explore: Make these changes to the script. Click , then , then press 1 on the keyboard each time.

   a. Change divide the pizza into 1/3 to divide the pizza into 1/4.
      Run and watch.


   c. Change give piece to person# 1 to give piece to person# 3.
      Run and watch.

   d. Add a second give piece to person# 3 inside the loop. Run and watch.

   e. Move give piece to person# 2 to inside the loop. Run and watch.
TIPP&SEE Pizza Sharing
(continued)

5. Explore: Circle your answer.

a. Which block divided the pizza into slices?

b. Which block determined how many pieces to give to each person?

c. Which block gave a piece to person #2?

d. Which block would you add to the script to give a piece to person #3?
Sharing Pizzas

**Problem 1**
Three brothers go to lunch and share two pizzas equally. How much of a whole pizza does each brother get?

**Math Message:** Draw a picture to show how you solved the problem.

**Complete the script to show how you coded Strategy 1 or Strategy 2.**

```
when 1 key pressed
Setup
divide the pizza into 1/
repeat
```

**Problem 2**
Four sisters go to lunch and share three pizzas equally. How much of a whole pizza does each sister get?

**Draw a picture to show how you solved the problem.**

**Complete the script below to show how you coded your strategy.**

```
when 1 key pressed
Setup
divide the pizza into 1/
repeat
```

**Problem 3**
Three friends go to lunch and share four pizzas equally. How much of a whole pizza does each friend get?