

TIPP&SEE

Fraction Circles 1

| | | |
|---|------|------|
| NAME | | |
| Lesson 2-12A  | | |
| SCRATCH ID | DATE | TIME |

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

Scratch Link: Fraction Circles 1 (<https://scratch.mit.edu/projects/211001031>)

Start with **TIPP&SEE!**

Get a **TIPP** from the Project Page.

Read carefully: **Title**

Instructions

Purpose

Play the project. Circle your answers.

① When I clicked , this fraction circle piece was placed:



② What is the name of this fraction circle piece?

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{6}$

$\frac{1}{8}$

$\frac{1}{12}$

③ How many pieces were placed?

1


2

3


4

5

SEE Inside.

First click on the **Sprite Pieces**, then find the **Event** .

④ Explore: Circle your answer.

a. The  block is set to make a piece of what size?

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{6}$

$\frac{1}{8}$

$\frac{1}{12}$

b. How many  blocks are in the script?

1

2

3

4


5

c. Which block would choose a yellow $\frac{1}{4}$ fraction circle piece?

 Set 1/ 2

 Set 1/ 3

 Set 1/ 4

 Set 1/ 6

⑤ Explore: Make these changes to the script on the **Pieces** sprite and see what happens.

a. Change  Set 1/ 6 to  Set 1/ 8. Run and watch.

b. Add another  Add Piece block to the end of the script. Run and watch.


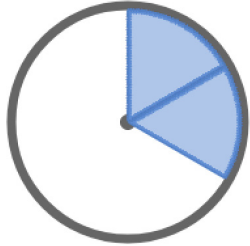

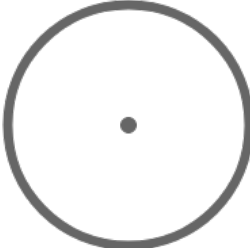

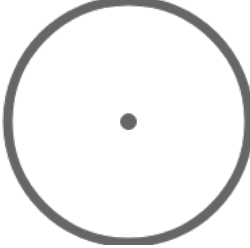

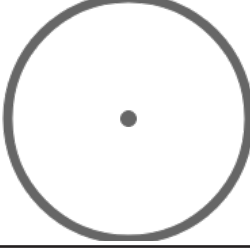
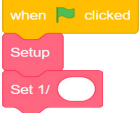
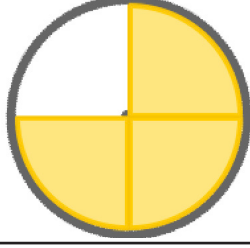
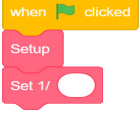
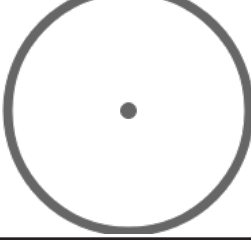
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Use fraction circle pieces and Scratch to help you complete each row in the table.
 For problem 5, make up your own fraction and complete the row.

| | Fraction | Words | Script | Picture | Number Sentence |
|---|---------------|---------------|---|--|---|
| | $\frac{2}{6}$ | two-sixths |  |  | $\frac{2}{6} = \frac{1}{6} + \frac{1}{6}$ |
| ① | $\frac{2}{3}$ | |  |  | |
| ② | | four-twelfths |  |  | |
| ③ | | |  |  | $\frac{5}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$ |
| ④ | | |  |  | |
| ⑤ | | |  |  | |