

# Comparing Fractions: Same Numerators

Scratch Link: Comparing Fractions: Same Numerators (<https://scratch.mit.edu/projects/210105678/>)

- ① Plan your project. (Fill in the blanks.)


When ...	Then I know that ...	So I tell the computer to use this symbol:
Denominator A ____ Denominator B	A ____ B	
Denominator A ____ Denominator B	A ____ B	
Denominator A ____ Denominator B	A ____ B	

- ② Open the Comparing Fractions: Same Numerators project.
- Click See Inside. Then find the Compare button sprite.
  - Create a script for this sprite that will compare two fractions with the same numerator. Use your table from Problem 1 to help you.
- ③ Complete the table below and use your Scratch project to test your rules.

	(Top) Sandwich A Code	Fraction A	Comparison Symbol	Fraction B	(Bottom) Sandwich B Code
a.		$\frac{6}{8}$		six-tenths	
b.		$\frac{5}{8}$		five-sixths	
c.		$\frac{1}{6}$ one-sixth			

# Comparing Fractions: Same Numerators (optional)

NAME \_\_\_\_\_

**Lesson 3-6B** 

SCRATCH ID \_\_\_\_\_ DATE \_\_\_\_\_ TIME \_\_\_\_\_

① Plan your code for the Compare sprite.

a.  A \_\_\_ B

```

if (denominator A > denominator B) then
  set symbol to >
  
```

b.  A \_\_\_ B

```

if (denominator A < denominator B) then
  set symbol to <
  
```



c.  A \_\_\_ B

```

if (denominator A = denominator B) then
  set symbol to =
  
```

Explore the code for the Sandwich sprites.

② Change  to . Run and watch.

③ Change  to . Run and watch.

④ Circle your answer.

a. This block sets the size of each piece of the top sandwich:

b. The number in this block is the same as the denominator:

c. The number in this block is the same as the numerator:

