

# Activity: The Fraction House

Skill/Objective: Fractions – part of a group

## Directions:

1. Get a Fraction House paper, a pencil and some crayons.
2. Draw a few people in each room of The Fraction House. (You might choose to only put smiling faces instead of drawing whole people, and make sure you add some color.)
3. Make a different number of people in each room to make your fractions more interesting.
4. Now count how many people you have altogether. This is the **denominator** of your fractions. You write it under the line for each fraction.
5. Count how many people are in the room on the left. This amount is your **numerator**. Record this amount on the line above the denominator.
6. Do the same for the people in the room on the right. Record this numerator on the line above the denominator.
7. See the EXAMPLE if you need help, but don't use the same amount.
8. CHALLENGE: On the back of your paper, draw a house with 3 or 4 rooms. Draw people in each room. (Or make it a dog hotel and draw dogs in each room!) Write fractions to show how many are in each room.

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## Materials:

- Reproduce **The Fraction House** recording sheet
- Pencils and crayons

Name \_\_\_\_\_

# The Fraction House

Fractions - part of a group

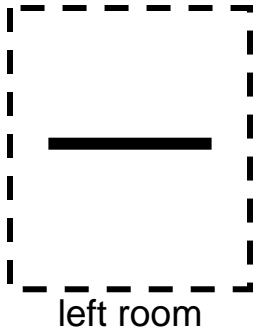
Draw several people in each big window in your house.  
(Just a smiling face for each is fine.)

There are \_\_\_\_\_ people in the room on the left. ←

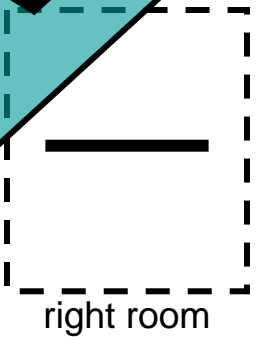
There are \_\_\_\_\_ people in the room on the right. →

In my house there are \_\_\_\_\_ people in all.

**Remember:**  
The **numerator** shows the part of a group. \_\_\_\_\_  
The **denominator** shows how many in the whole group.

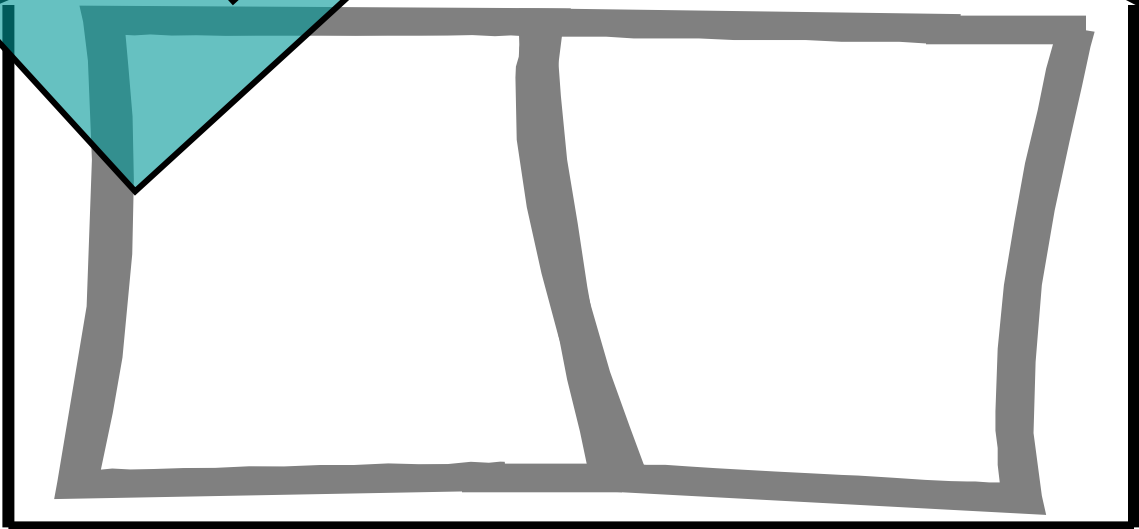


This is the *fraction* of people who are in the room on the left, and this is the *fraction* of people who are in the room on the right.



**PREVIEW**

The Fraction House



Name          An Example         

# The Fraction House

Fractions - part of a group

Draw several people in each big window in your house.  
(Just a smiling face for each is fine.)

There are   2   people in the room on the left. ←

There are   3   people in the room on the right. →

In my house there are   5   people in all.

*Remember:*  
The **numerator** shows the part of a group.           
The **denominator** shows how many in the whole group.

$$\frac{2}{5}$$

left room

This is the *fraction* of people who are in the room on the left, and this is the *fraction* of people who are in the room on the right.

$$\frac{3}{5}$$

right room

EXAMPLE

PREVIEW

The Fraction House

