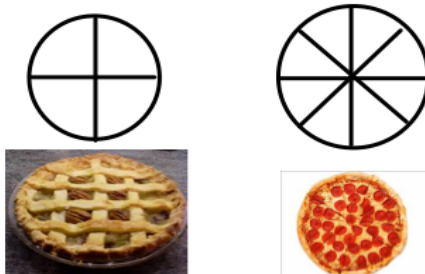


## Investigation 2: Halves, Fourths, and Tenths

Mr. Taylor is making cookies for his class. The recipe on the box calls for a whole stick of butter. But, when Mr. Taylor went to get the butter out of the refrigerator, he only had  $\frac{1}{2}$ ,  $\frac{1}{4}$ , and  $\frac{1}{10}$  of a stick of butter. Will this be enough for him to follow the recipe on the box?

**Fraction** - \_\_\_\_\_ of a whole. The whole may be a single thing like a pie or a pizza or it could include a whole class or maybe even a set of something.



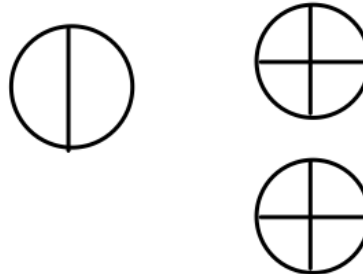
**Writing a fraction** - A fraction has \_\_\_\_\_ numbers.

The bottom number is called the **denominator** which shows the TOTAL parts that make up the whole object or thing.

The top number is called the **numerator** which shows how many of the equal parts you have out of the whole object or thing.



Common Fractions:

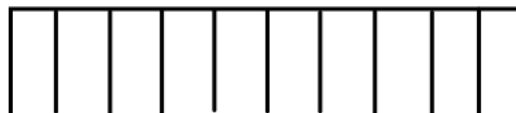


Half of the 18 students in the class are girls. How many girls are there in the class?

**Multiplying Fractions -**

- 1) \_\_\_\_\_ the whole number
- 2) \_\_\_\_\_ the numerator
- 3) \_\_\_\_\_ the denominator
- 4) \_\_\_\_\_ the fraction

**More Common Fractions:**



One tenth of the 30 students finished the test early on Friday. Miss Root had a fun logic puzzle for early finishers. How many students did Miss Root give the logic puzzle to on Friday?