

How to introduce fractions to kids in grade 1

Fractions worksheet + lesson to introduce fractions to young kids.

It is in human nature that when there is a will, there is a way. Same applies to fraction learning. If our kids realize the need of fractions, then they will learn them with interest. In other words we need to tell our kids that when do we need fractions? Do the following basic math activity with your kids (students), so that they can realize the need of fractions and want to learn them curiously.

1. Print this worksheet and give it to your child.
2. Ask your child to count the following circles and write the answer in the box next to them.



How many circles?

3. Now ask your child to count the following circles.



How many circles?

If your child have learned about half, then he/she can answer the above question, otherwise she/he will realize the need of some kind of numbers, other than whole numbers (1, 2, 3, 4, 5, 6,). These new kind of numbers are fractions. Tell your child about fractions that if the whole numbers can't count certain number of objects (such as in above problem), then we need fractions to count such numbers.

Define fractions to your kids, "fractions are the parts (subdivisions) of whole numbers". For example, half is the most basic fraction and introduce it to your child(ren) (or students), as shown below:

One Whole (1) One Half ($1/2$) One Third ($1/3$) One Fourth ($1/4$)



Above are the basic fractions: starting at one whole (1) circle, half ($1/2$) of the same circle, third part ($1/3$) of the circle and quarter (fourth) ($1/4$) of the same circle. At this stage no need to explain numerator and denominator to kids. Just try some daily life concrete examples of above basic fractions.

Use an apple, cut it into 4 sections to explain the above basic fractions. In kitchen, you can use a pizza, cookies or a pie to do the task. After it, give yourself and your child a pat at the back, as both of you have done a tremendous job.