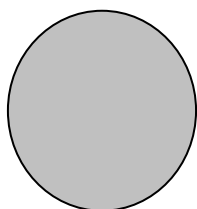


**Grade 2 Math**

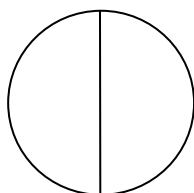
**Fraction  
Notes**

**A. Understanding Fractions**

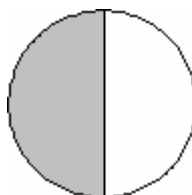


This is a whole. We can cut into many equal parts.

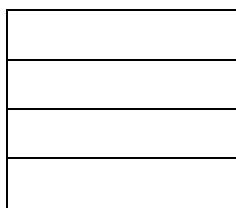
*For example*



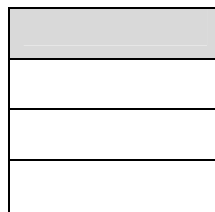
We can divide it into two equal parts.



We shade one out of the two equal parts and call it  $\frac{1}{2}$ .



We can divide it into four equal parts.



We shade one out of four equal parts and call it  $\frac{1}{4}$ .

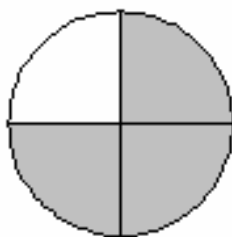
**Table of Fractions**

Fractions	Read As
1	one whole
$\frac{1}{2}$	one-half
$\frac{1}{3}$	one-third
$\frac{1}{4}$	one-quarter or one-fourth
$\frac{1}{5}$	one-fifth
$\frac{1}{6}$	one-sixth



$\frac{1}{7}$	one-seventh
$\frac{1}{8}$	one-eighth
$\frac{1}{9}$	one-ninth
$\frac{1}{10}$	one-tenth
$\frac{1}{11}$	one-eleventh
$\frac{1}{12}$	one-twelfth

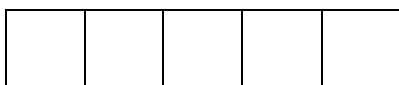
**B. Parts of a whole.**



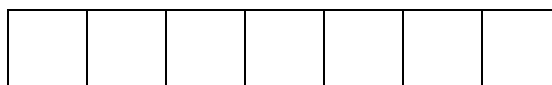
$\frac{3}{4}$  of a whole is shaded.

$\frac{3}{4}$  is 3 parts out of 4 equal parts.

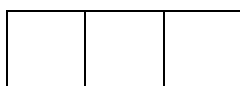
Exercise



Shade  $\frac{3}{5}$



Shade  $\frac{5}{7}$

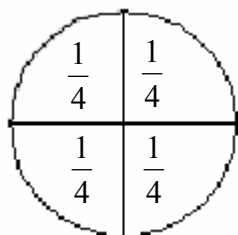


Shade  $\frac{2}{3}$

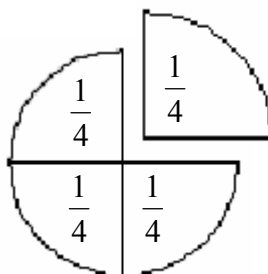


Shade  $\frac{1}{6}$

### C. Taking away and Adding On



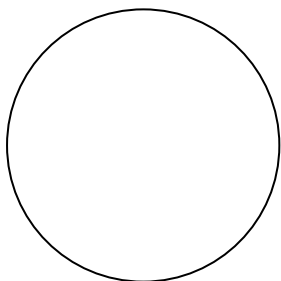
The circle is divided into 4 equal parts. Each part is  $\frac{1}{4}$ .



Take away  $\frac{1}{4}$ .  
We have  $\frac{3}{4}$  left.

Therefore  $1 - \frac{1}{4} = \frac{3}{4}$ .

#### Exercise



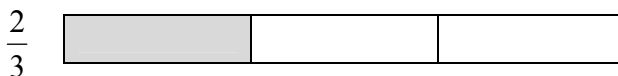
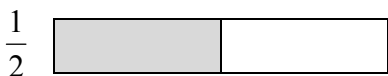
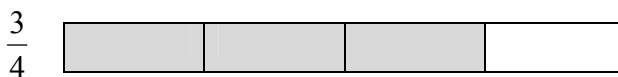
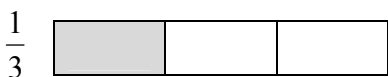
Cut this circle into 8 equal parts.  
Take away  $\frac{3}{8}$ . What fraction is left?  
\_\_\_\_\_



Cut this rectangle into 4 equal parts. Take away  $\frac{1}{4}$ . What fraction is left?

### D. Comparing and Ordering

*For example*



$\frac{1}{3}$  is smaller than  $\frac{1}{2}$

$\frac{3}{4}$  is bigger than  $\frac{2}{3}$