



A fraction can be less than 1, equal to 1, or greater than 1.

For example:

One third ( $1/3$ ) of a litre is less than one litre.

Five fifths ( $5/5$ ) of a litre are equal to one litre.

Six fourths ( $6/4$ ) of a litre are greater than one litre.

1) Which of these fractions  $1/2$  ;  $3/4$  ;  $4/3$  ;  $2/2$  ;  $3/2$  ;  $4/6$  ;  $1/5$  ;  $3/3$  ;  $4/4$  ;  $2/6$  ;  $6/2$  ;  $7/6$  are:

a) Less than 1?

b) Equal to 1?

c) Greater than 1?

2) Go to <http://www.ixl.com/math/grade-8> , move down to "Rational Numbers" and do activities D.1 to D8

3) Divide and express in decimal form:

a)  $2/3$

d)  $1/9$

b)  $3/4$

e)  $8/10$

c)  $1/2$

f)  $8/8$

4) Change these decimal numbers to fractions:

a) 0.5

b) 0.6

c) 0.1

d) 0.25

e) 1.5

f) 2.5

g) 4.4

h) 6.4

5) Calculate:

a)  $\frac{2}{3}$  of 60 €

b)  $\frac{3}{4}$  of 60 €

c)  $\frac{1}{2}$  of 60 €

d)  $\frac{1}{9}$  of 60 €

6) 1 Kg of oranges costs 2 €. How much does  $\frac{3}{4}$  of a Kg of oranges cost?