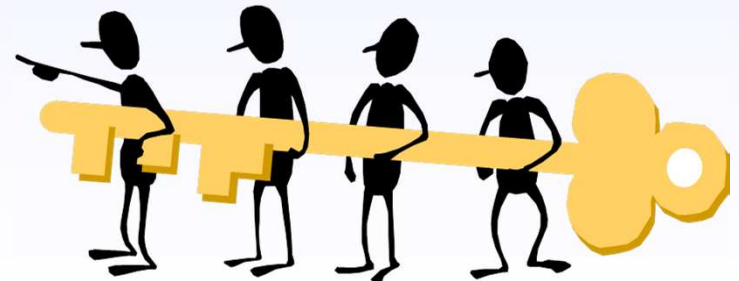


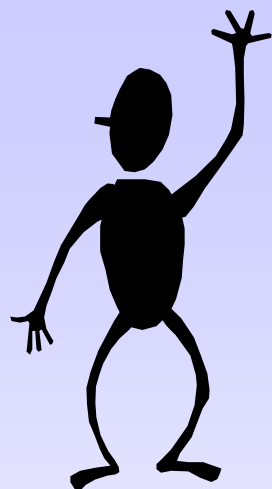
Go from being frazzled to
having fun with

FRACTIONS

Learning and understanding
is the key!



By: Charlie French



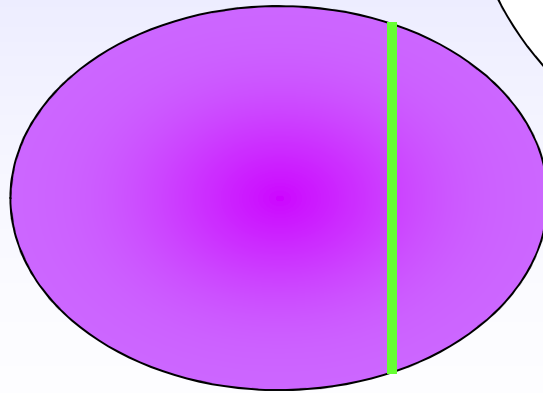
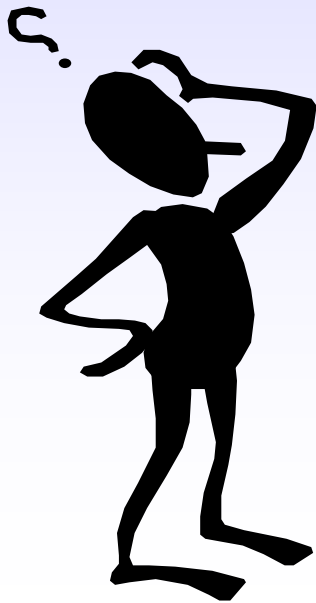
NCSCS 1.05

Use models of fractions to explore part-whole relationships.

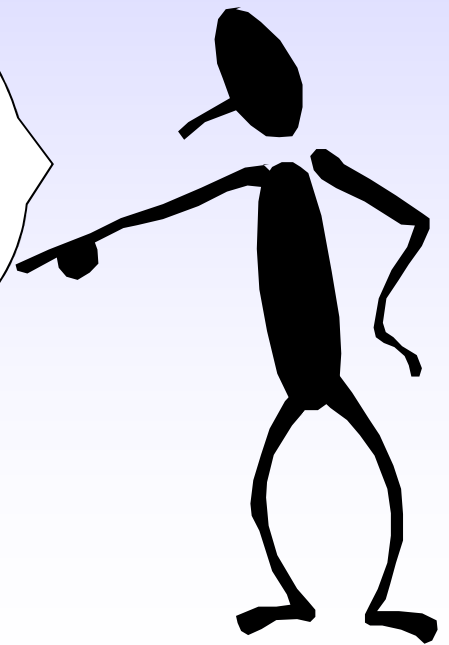
- 1.05 a – Represent fractions concretely and symbolically (halves, fourths, thirds, sixths and eighths.)
- 1.05 b – Compare and order fractions
- 1.05 c – model and describe common equivalent fractions

Fractions have **EQUAL** parts!

There is no such thing as the
biggest half!!!



Hey!
You got
the biggest
half!!!



Remember the
numbers have names!



numerator

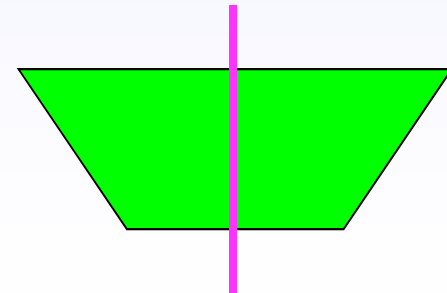
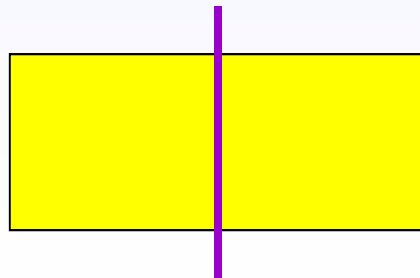
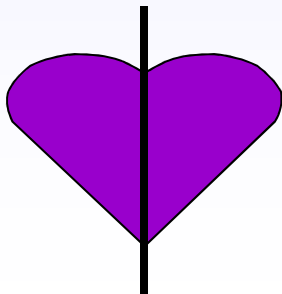
denominator

DENOMINATORS

tell how many pieces the whole is divided into.

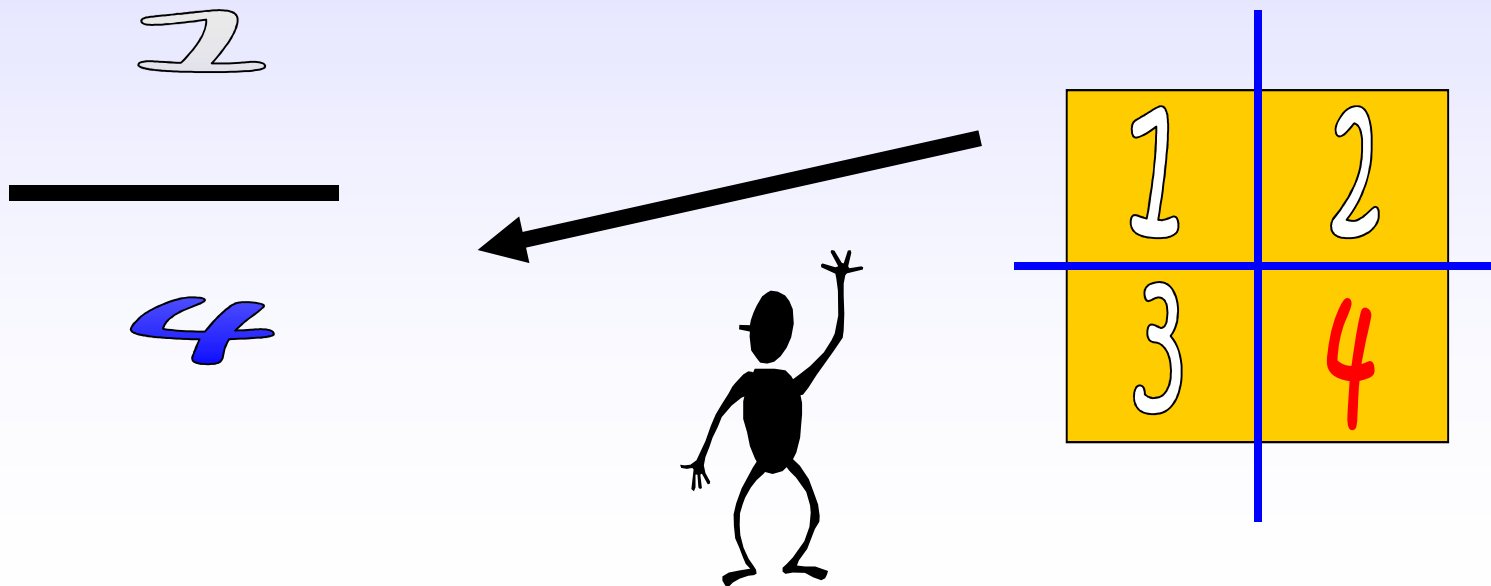
$$\frac{1}{2}$$

The 2 means the whole is divided into 2 equal parts.



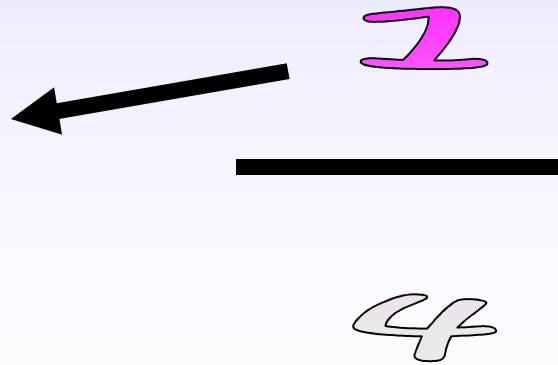
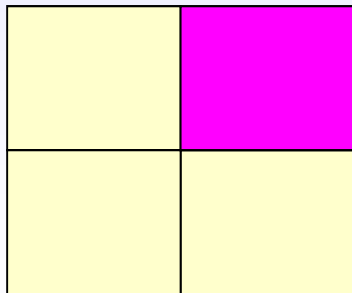
DENOMINATORS

also tell how many parts are needed to make up the whole.



NUMERATORS

tell how many pieces of the whole are represented.

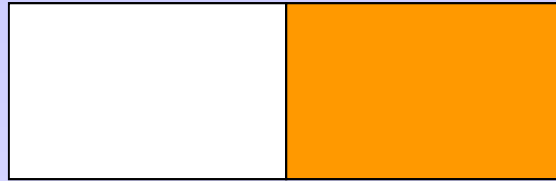


One fourth
of the
square is
shaded
pink,

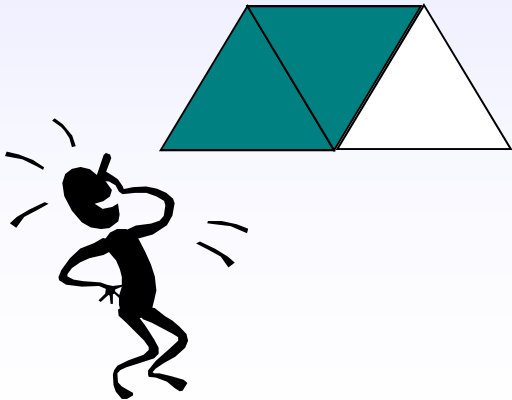
1



2



One half of the rectangle is shaded **orange**,

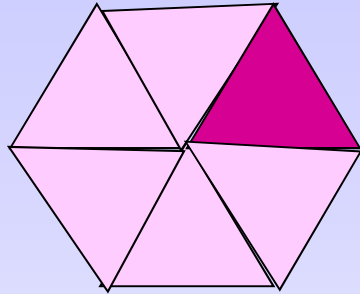


two thirds of the trapezoid is shaded **teal**,

2



3



one sixth
of the
hexagon is
shaded
hot pink,

$\frac{1}{6}$



6

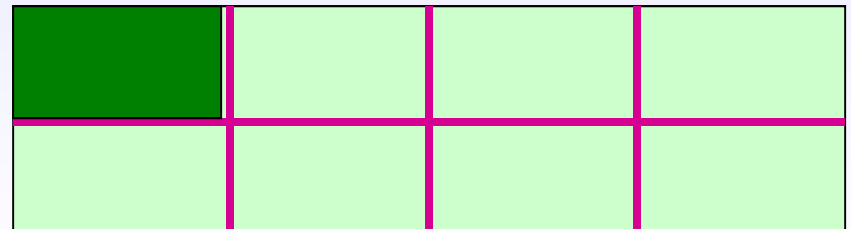


$\frac{1}{8}$

and one eighth
of the
rectangle is
shaded dark
green.

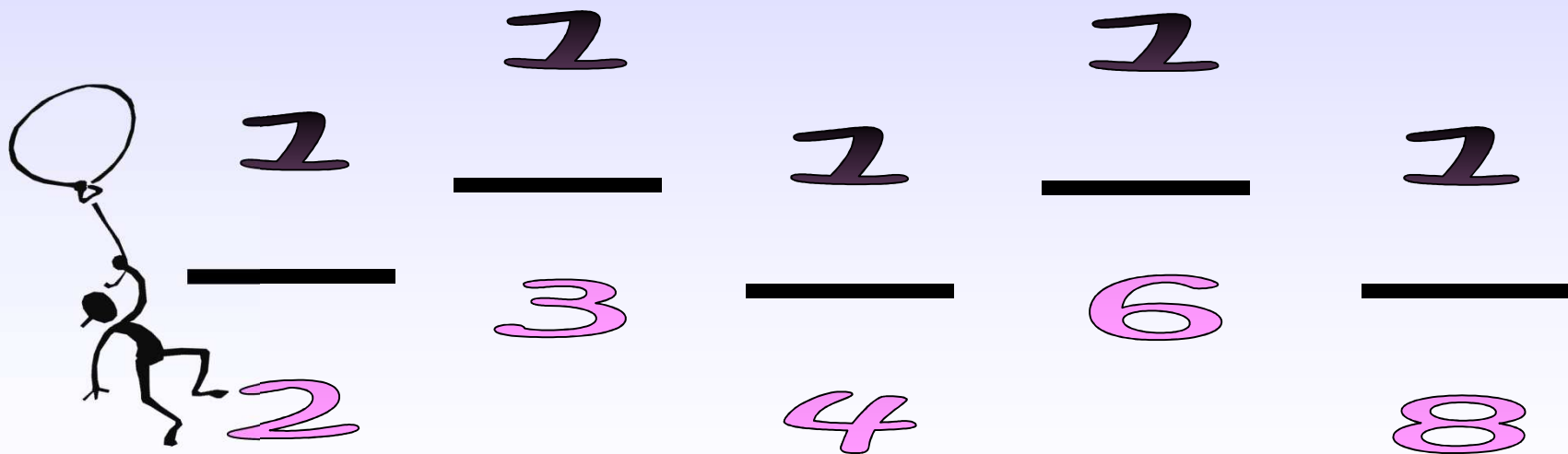


8



Check this out!

Did you realize the larger the
number in the
denominator...



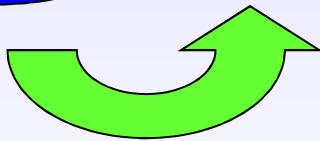
the smaller the fractional part!

One half of this rectangle...

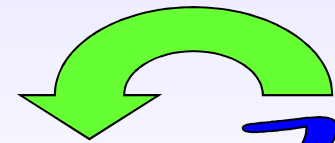
$\frac{1}{2}$



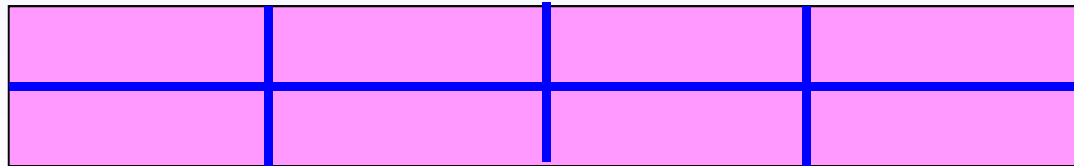
$\frac{2}{8}$



is much larger than one eighth!



$\frac{1}{8}$



$\frac{1}{8}$

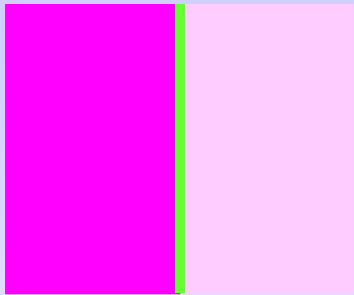
$\frac{2}{8}$

Let's take an even closer look!

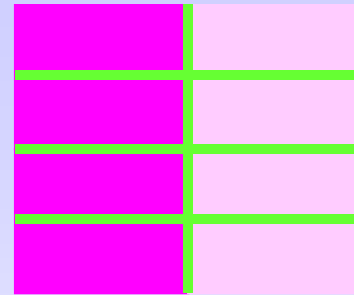


Some fractions have different
denominators...

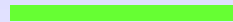
but are still exactly equal!



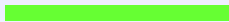
2



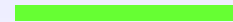
2



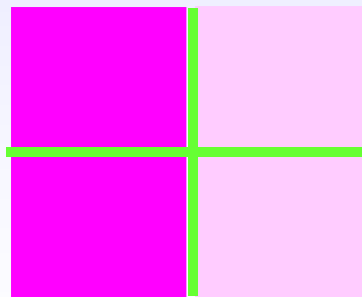
4



4



2

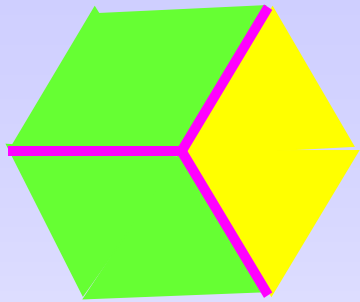


8

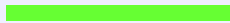


All equal!!!



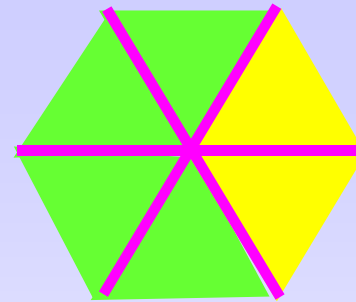


2

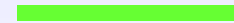


3

is
equal
to



2



6



Don't be frustrated...



Let's celebrate!



It's not so bad when
we all learn together!