Tuesday

What is $1\frac{1}{4}$ as an improper fractic

What is $\frac{6}{4}$ as a mixed fractio

Today we are going to continue practis
changing improper fractions to mi
numbers, and the other way rour

We are going to learn how to use
times tables to help us answer
questions

What is $\frac{21}{10}$ as an improper fraction?

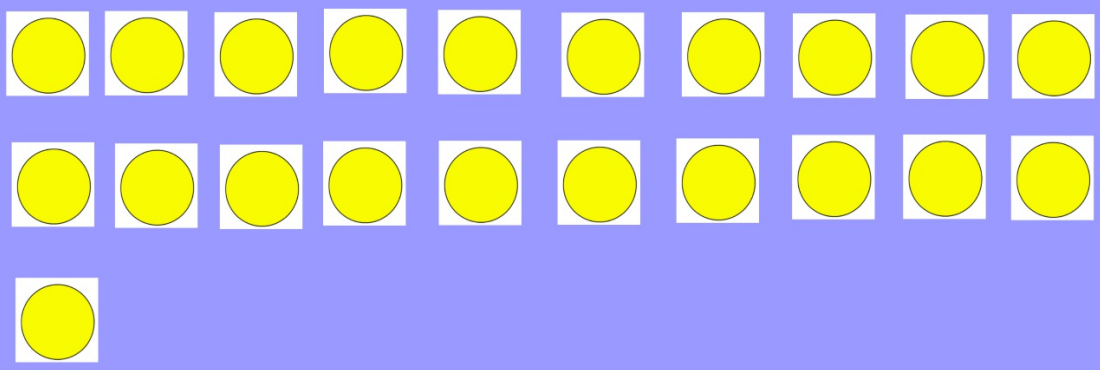
hod 1 - using bar models

Method 2 - times tables

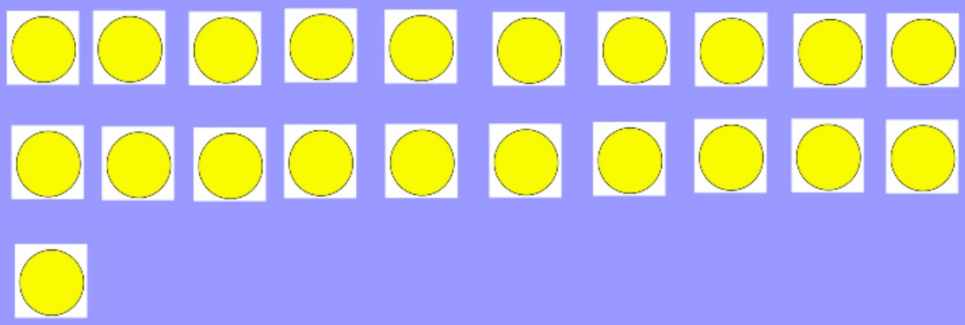
$\frac{21}{10}$

Our denominator is 10 so we need to be thinking in groups of 10 (our 10x table).

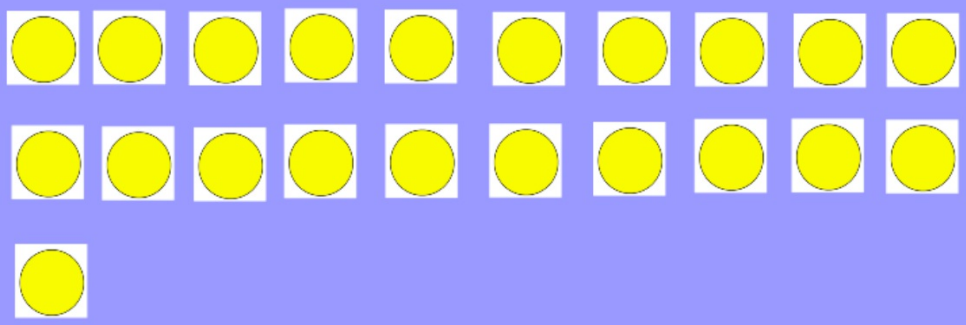
To turn it in to a mixed fraction, we are doing 21 ÷ 10.



the $\frac{21}{9}$ =



$$\frac{21}{8} =$$



Convert these fractions to mixed number fractions.

$\frac{21}{7}$
$\frac{21}{6}$
$\frac{21}{5}$
$\frac{21}{4}$
$\frac{21}{3}$
$\frac{21}{2}$

Challenge:
How do you think we will convert the other way.
What is 1 2/4 as an improper fraction using multiplication?

Mixed fractions - improper fractions

$3\frac{1}{6} =$

Here, we have 3 groups of sixths and 1 extra sixth.

3 groups of sixths are $\frac{\quad}{6}$

1 extra sixth = $\frac{\quad}{6}$

In total, we have $\frac{}{\quad}$

$3\frac{2}{6} =$

We have ___groups of sixths and _____ extra sixths.

___ groups of sixths

___ extra sixths :

Answer =

$3\frac{3}{6} =$

$2\frac{4}{6} =$

$5\frac{1}{6} =$

$1\frac{7}{6} =$

There are ____ groups of sixths. There is _____ extra sixth.

'Express the following improper fractions as mixed numbers.'

$\frac{17}{2}$ $\frac{13}{6}$ $\frac{28}{10}$ $\frac{41}{7}$

'Express the following mixed numbers as improper fractions.'

$4\frac{1}{8}$ $6\frac{4}{9}$ $3\frac{11}{12}$ $8\frac{2}{3}$

eepe

'Look at the completed fractions. What do you know about fractions where the numerator is a multiple of the denominator?'

'Fill in the missing numbers.'

$$\frac{15}{5} = \frac{\square}{4} \qquad \frac{18}{9} = \frac{\square}{7}$$

$$\frac{\square}{8} = \frac{12}{3} \qquad \frac{10}{\square} = \frac{24}{12}$$