

Year 5

Maths Activities

Week Beginning 1st June 2020

Tuesday

Converting improper fractions to mixed numbers and vice versa

BBC BITESIZE

<https://www.bbc.co.uk/bitesize/articles/z4ypscw>

MATHSWATCHVLE VIDEO N35

<https://vle.mathswatch.co.uk/downloads/worksheets/Primary/clipn35.pdf>

Tuesday - Choose all of 2a, 3a or 3b to complete? Why not complete all questions?

2 Convert these improper fractions into mixed numbers.

a) $\frac{5}{4} = \square \frac{\square}{\square}$ b) $\frac{13}{4} = \square \frac{\square}{\square}$ c) $\frac{15}{4} = \square \frac{\square}{\square}$ d) $\frac{41}{4} = \square \frac{\square}{\square}$

3 Complete each set. What stays the same and what changes? Explain the patterns of answers.



a) $\frac{17}{6} = \square \frac{\square}{\square}$

b) $\frac{24}{4} = \square \frac{\square}{\square}$

$\frac{18}{6} = \square \frac{\square}{\square}$

$\frac{24}{5} = \square \frac{\square}{\square}$

$\frac{19}{6} = \square \frac{\square}{\square}$

$\frac{24}{6} = \square \frac{\square}{\square}$

$\frac{20}{6} = \square \frac{\square}{\square}$

$\frac{24}{7} = \square \frac{\square}{\square}$

$\frac{21}{6} = \square \frac{\square}{\square}$

$\frac{24}{8} = \square \frac{\square}{\square}$

$\frac{22}{6} = \square \frac{\square}{\square}$

$\frac{24}{9} = \square \frac{\square}{\square}$

$\frac{23}{6} = \square \frac{\square}{\square}$

$\frac{24}{10} = \square \frac{\square}{\square}$

I wonder if some answers can be written in different ways.



I think I can simplify some of the fractions.



Tuesday - Complete all questions

2) Convert the following mixed numbers to improper fractions.

a) $1\frac{3}{5}$

f) $10\frac{1}{9}$

b) $2\frac{1}{4}$

g) $7\frac{5}{8}$

c) $5\frac{2}{3}$

h) $9\frac{4}{5}$

d) $3\frac{3}{5}$

i) $6\frac{3}{11}$

e) $11\frac{2}{7}$

j) $12\frac{3}{4}$

3) Put these numbers in order, lowest to highest.

a) 3.5 , $3\frac{1}{5}$, $\frac{11}{3}$

b) $7\frac{1}{4}$, 7.14 , $\frac{34}{5}$

c) $1\frac{1}{10}$, 98% , $\frac{5}{4}$, 1