Maths

Activity 1: Watch the video on improper fractions and mixed numbers and complete the questions below

Activity 2: Recap the video and complete the questions below

Maths Skills Practise:

Arithmetic

Monday	Tuesday	Wednesday	Thursday	Friday
5463 + 7372	7463 + 2459	2830 + 7301	4543 + 5621	8239 + 9345
4214 – 1128	4321 – 2332	8302 – 4382	4295 – 1502	6301 – 3028
36 x 65	84 x 52	97 x 92	88 x 54	95 x 36
713 ÷ 7	985 ÷ 3	852 ÷ 6	725 ÷ 5	954 ÷ 9
3/4 of 36	2/5 of 55	2/3 of 96	5/6 of 72	9/10 of 60

Reasoning & Problem Solving

Try any of the challenges on this website:
http://www.iseemaths.com/lessons56/

Challenge:
Here are four threes 3 3 3 3

And here are four signs + − × ÷

See if you can make all of the numbers from 0 to 10 using all four threes and any or all of the signs.

Now try with four fours

Activity 1 – Improper Fractions to Mixed Numbers

Convert these improper fractions to mixed numbers

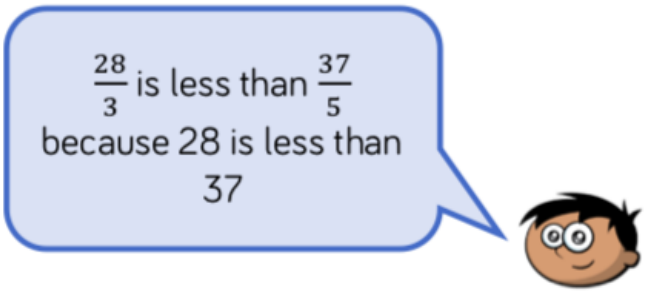
$\frac{12}{7}$ $\frac{19}{6}$

Spot the mistake

	Correction	Explain the mistake
$\frac{27}{3} = 8$		
$\frac{27}{5} = 5\frac{1}{5}$		
$\frac{27}{4} = 5\frac{7}{4}$		

Do you agree? Why?

Amir says,



Activity 2 – Mixed Numbers to Improper Fractions

Convert these mixed numbers to improper fractions

$5\frac{2}{3}$ $2\frac{7}{9}$

Find them all:

How many different possibilities can you find for each equation?

$2\frac{\square}{8} = \frac{\square}{8}$

$2\frac{\square}{5} = \frac{\square}{5}$

Challenge:

Ryan has these numbers: 9 3 15 10 4

a) He wants to use two cards to make an improper fraction that is as close to $4\frac{1}{3}$ as possible. What fraction should he make? $\frac{\square}{\square}$

b) Ryan now wants to use two cards to make an improper fraction that is as close to 4 as possible. What should his fraction be? $\frac{\square}{\square}$