Thursday 7th May

L.K: To recognise and write mixed numbers

A mixed number fraction occurs when you have a whole number and a fraction together. $1\frac{1}{3}$ is an example of this. It means that there is 1 whole and $\frac{1}{3}$ of the whole amount.

To convert a mixed number into an improper fraction, we need to multiply the whole number by the denominator and then add the numerator.

Example,

$4\frac{3}{5}$ =

4 x 5 = 20

20 + 3 = 23

You need to keep the denominator the same, so $4\frac{3}{5}$ becomes $\frac{23}{5}$.

If you want to get feedback/show off your work, send it to WDV.Year4@oasiswoodview.org

Now practice below:

1) $1\frac{3}{4}$
2) $2\frac{4}{7}$
3) $3\frac{2}{5}$
4) $4\frac{1}{4}$
5) $6\frac{4}{5}$
6) $8\frac{1}{2}$
7) $11\frac{2}{3}$
8) $5\frac{5}{7}$
9) $4\frac{1}{19}$

Reasoning and Problem Solving

One Star

1) Using diagrams, show the following mixed number fractions as improper fractions.
   A) 1 and 1/9
   b) 2 and 2/5
   c) 3 and 1/4
2) "I share three pizzas with my friend. We cut the pizza into thirds and each have the same amount of pizza. What total amount of pizza do I eat as a mixed number?"

Two Star

Turn these mixed numbers into improper fractions. Make sure to explain your method along with the answer.

$$1\frac{1}{3} \qquad 2\frac{3}{5} \qquad 1\frac{4}{5}$$

Turn these improper fractions into mixed numbers. Make sure to explain your method with your answer.

$$\frac{17}{10} \qquad \frac{11}{5} \qquad \frac{7}{3}$$

Three Star

1) I have 13 quarters of pizza. How many whole pizzas do I have? Can you show this as a mixed number fraction?
2) Can you convert the mixed number $4\frac{3}{5}$ into an improper fraction?
   Remember, if you have 4 wholes that means you have 4 x $\frac{5}{5}$'s!
3) There are 14 cars in a car park. Each car has four doors. If 23 doors open, what fraction of the total number of doors are closed?
   EXTENSION: What fraction of the total amount of doors would be closed if another 3 cars opened their doors?