

Tuesday 12/05/2020

LK: To convert mixed numbers to improper fractions.

Hello everybody! Miss Dattani here, I hope you are all safe and well.

You do not need a printer to complete any tasks, please do your task on pen and paper and email me if you have any questions at WDV.year5@oasiswoodview.org

You can access additional Maths resources on My Maths.

Your task is differentiated two ways:

-Section A is suited for one star (blue and green)

-Section B is suited for two and three star (yellow, orange and red table)

Today we will be converting mixed numbers to improper fractions.

Below are steps to follow to convert mixed numbers to improper fractions.

$1\frac{3}{4}$ as an improper fraction=

Step one: Multiply the denominator by the whole number

$$1 \times 4 = 4$$

Step two: Add the numerator to the answer that you already have

$$4 + 3 = 7$$

Step three: Now add your denominator (this is the denominator which you started with)

Answer= $\frac{7}{4}$ (This is therefore the same as 1 and $\frac{3}{4}$)

Section A - Turn these mixed numbers into improper fractions:

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

2) $3\frac{1}{3}$

3) $1\frac{4}{5}$

4) $5\frac{1}{2}$

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

$$6) 2 \frac{1}{4}$$

$$7) 7 \frac{1}{2}$$

$$8) 6 \frac{2}{3}$$

Section B- Turn these mixed numbers into improper fractions and draw representations to show them.

$$1) 4 \frac{3}{4}$$

$$2) 2 \frac{5}{7}$$

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

$$4) 6 \frac{2}{3}$$

$$5) 4 \frac{1}{6}$$

$$6) 6 \frac{3}{4}$$

$$7) 8 \frac{1}{10}$$

$$8) 3 \frac{7}{9}$$

$$9) 9 \frac{1}{11}$$