

Friday 8/05/2020

LK: To add and subtract 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](mailto:WDV.year5@oasiswoodview.org)

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 adding and subtracting fractions. Below is an example and steps on how to do this.

$$\frac{1}{2} + \frac{3}{8} =$$

Step 1- Find the lowest common multiple for the denominators (list them).

Multiples of 2	Multiples of 8
2	8
4	16
6	24
8	32
10	40

Step 2- convert the fraction(s) so that they are both eighths. Whatever you do to the denominator, you must do to the numerator.

$$\frac{1}{2} \xrightarrow{\times 4} \frac{4}{8}$$

Step 3- Rewrite the question with the new fractions

$$\frac{4}{8} + \frac{3}{8} =$$

Step 4- only add or subtract the numerators and keep the denominator the same.

$$\frac{4}{8} + \frac{3}{8} = \frac{7}{8}$$

Use these steps to answer each question.

Section A

1)  $\frac{2}{3} + \frac{1}{9}$

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

3)  $\frac{3}{8} + \frac{1}{4}$

4)  $\frac{7}{12} + \frac{1}{6}$

5)  $\frac{2}{5} - \frac{1}{10}$

6)  $\frac{5}{8} - \frac{1}{2}$

7)  $\frac{4}{6} - \frac{3}{12}$

8)  $\frac{11}{12} - \frac{2}{3}$

9)  $\frac{1}{10} + \frac{3}{5}$

10)  $\frac{1}{2} + \frac{4}{10}$

Section B (convert both denominators)

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

2)  $\frac{3}{5} + \frac{1}{6}$

3)  $\frac{2}{3} + \frac{1}{5}$

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

5)  $\frac{3}{4} + \frac{1}{6}$

6)  $\frac{3}{5} + \frac{1}{2}$

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

8)  $\frac{1}{2} - \frac{2}{5}$

9)  $\frac{2}{3} - \frac{3}{10}$

10)  $\frac{4}{5} - \frac{5}{8}$