Friday 5th June 2020

To end the week we are going to recap comparing/adding fractions with different denominators. I know that this is an area that has worried some of you in the past.

First watch the link then complete the activity.

https://www.youtube.com/watch?v=pZEmFSP3Z0I

Steps to success for adding/comparing fractions with different denominators

- Read the calculation
- List the multiples of each of the denominators
- Find the lowest common denominator (a number that is the same in both columns.)
- Multiply the numerator by the amount that was multiplied to get the new denominator.

TASK –

WALT – add fractions using common multiples.

$\frac{1}{2} + \frac{5}{6} =$ ☐

$\frac{5}{6} + \frac{7}{12} =$ ☐

$\frac{1}{2} + \frac{7}{8} =$ ☐

$\frac{11}{12} + \frac{1}{6} =$ ☐

$\frac{3}{5} + \frac{3}{10} =$ ☐

$\frac{7}{8} + \frac{5}{16} =$ ☐

$\frac{7}{10} + \frac{2}{5} =$ ☐

$\frac{11}{16} + \frac{3}{8} =$ ☐

Challenge – (optional)

$\frac{1}{2} + \frac{1}{4} + \frac{1}{8} =$ ☐

$\frac{7}{8} + \frac{3}{4} + \frac{3}{16} =$ ☐

$\frac{1}{6} + \frac{1}{3} + \frac{5}{12} =$ ☐

$\frac{1}{2} + \frac{5}{8} + \frac{1}{16} =$ ☐

$\frac{1}{4} + \frac{5}{8} + \frac{1}{2} =$ ☐

$\frac{5}{6} + \frac{1}{2} + \frac{7}{12} =$ ☐

$\frac{5}{6} + \frac{1}{12} + \frac{1}{2} =$ ☐

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

Answers –

$\frac{1}{2} + \frac{5}{6} =$ **$1\frac{1}{3}$**

$\frac{5}{6} + \frac{7}{12} =$ **$1\frac{5}{12}$**

$\frac{1}{2} + \frac{7}{8} =$ **$1\frac{3}{8}$**

$\frac{11}{12} + \frac{1}{6} =$ **$1\frac{1}{12}$**

$\frac{3}{5} + \frac{3}{10} =$ **$\frac{9}{10}$**

$\frac{7}{8} + \frac{5}{16} =$ **$1\frac{3}{16}$**

$\frac{7}{10} + \frac{2}{5} =$ **$1\frac{1}{10}$**

$\frac{11}{16} + \frac{3}{8} =$ **$1\frac{1}{16}$**

Challenge –

$\frac{1}{2} + \frac{1}{4} + \frac{1}{8} =$ **$\frac{7}{8}$**

$\frac{1}{6} + \frac{1}{3} + \frac{5}{12} =$ **$\frac{11}{12}$**

$\frac{1}{4} + \frac{5}{8} + \frac{1}{2} =$ **$1\frac{3}{8}$**

$\frac{5}{6} + \frac{1}{12} + \frac{1}{2} =$ **$1\frac{5}{12}$**

$\frac{7}{8} + \frac{3}{4} + \frac{3}{16} =$ **$1\frac{13}{16}$**

$\frac{1}{2} + \frac{5}{8} + \frac{1}{16} =$ **$1\frac{3}{16}$**

$\frac{5}{6} + \frac{1}{2} + \frac{7}{12} =$ **$1\frac{11}{12}$**

$\frac{3}{8} + \frac{3}{4} + \frac{7}{8} =$ **2**