**Monday: I can add and subtract fractions with denominators that are multiples of the same number.**

**How to do this:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Problem** | **Step 1: Find a common denominator** | **Step 2: Add the numerators** | **Answer** |
| $\frac{3}{4}$ + $\frac{2}{8}$ = | $\frac{3}{4}$ + $\frac{2}{8}$ =becomes$\frac{6}{8}$ + $\frac{2}{8}$ = | $\frac{6}{8}$ + $\frac{2}{8}$ = $\frac{8}{8}$ | $$\frac{8}{8}$$ |
| Top tips | Numerator –Denominator -  | Both 4 and 8 are in the 4 times table, so you can multiply the 4 by 2 to give you the same denominators.Remember: whatever you do to the denominator, you have to do to the numerator too. So, 3 x 2 x 6 | When the denominators are the same, you can add the fractions.Remember: you only add the numerators. The denominators stay the same. |  |

Challenge 1:

$\frac{2}{3}$ + $\frac{1}{3}$= $\frac{1}{4}$ + $\frac{3}{4}$= $\frac{1}{5}$ + $\frac{4}{5}$= $\frac{5}{6}$ + $\frac{1}{6}$=

What do you notice? Why should this be?

Challenge 2:

$\frac{2}{3}$ + $\frac{1}{6}$ = $\frac{3}{10}$ + $\frac{5}{20}$ = $\frac{1}{7}$ + $\frac{2}{14}$ = $\frac{3}{6}$ + $\frac{2}{12}$ =

How can you check your workings out? How can you prove that you are right?

If you got them right, try this:

A bag of Lego is made up of $\frac{1}{4}$ blue bricks and $\frac{2}{8}$ of red bricks. The rest are yellow bricks. What fraction are yellow bricks?

Now can you write your own word problem with fractions in different denominators?

**Tuesday**

**I can add and subtract fractions with denominators that are multiples of the same number.**

Challenge 1



Challenge 2



Challenge 3



**Wednesday**

**I can add and subtract fractions with denominators that are multiples of the same number.**

Challenge 1



Challenge 2



Challenge 3



**Thursday – times tables challenge**

Play TT Rockstars or Hit the Button as a warm up game. Links can be found on the Class 4 webpage. Now try these:

|  |  |  |
| --- | --- | --- |
| Bronze5x and 10x tables1. 3 x 5
2. 4 x 5
3. 10 x 5
4. 8 x 5
5. 9 x 5
6. 10 x 10
7. 5 x 10
8. 8 x 10
9. 9 x 10
10. 11 x 10
 | Silver7 x tables1. 6 x 7
2. 60 x 7
3. 600 x 7
4. 6,000 x 7
5. 60 x 70
6. 60 x 700
7. 420 divided by 7
8. 4,200 divided by 7
9. 42,000 divided by 7
10. 42,000 divided by 70
 | Gold7x tables with decimals1. 0.6 x 7
2. 6 x 0.7
3. 0.6 x 0.7
4. 0.6 x 70
5. 0.6 x 700
6. 4.2 divided by 7
7. 4.2 divided by 6
8. 0.42 divided by 7
9. 0.42 divided by 6
10. 4.2 divided by 70
 |

**Friday**

**I can add and subtract fractions with denominators that are multiples of the same number.**

**Challenge 1**



**Challenge 2**



**Challenge 3**

