Year 5
Week 10
Lesson 2- Adding fractions

Challenge 1

Add these numbers and fractions together.

1. **1 and 4/5 + 3/10**

2. **1 and 1/3 + 5/9**

3. **2 and ¾ + 3/8**

4. **1 and ¼ + 7/12**

5. **1 and 3/6 + 5/12**

6. **2 and 2/7 + 9/21**

Challenge 2

Add these two mixed numbers together.

- **1 and 3/5 + 1 and 4/10**

- **1 and 2/3 + 2 and 5/15**

- **2 and ¾ + 1 and 1/8**

- **1 and ¼ + 1 and 7/16**

- **1 and 3/8 + 2 and 25/80**

- **2 and 3/7 + 1 and 7/21**

Challenge 3

The sum of three fractions is 2 and 1/8

The rules for the what the three fractions could be are:

- **The fractions have different denominators.**

- **All of the fractions are greater than or equal to a half.**

- **None of the fractions are improper fractions.**

- **All of the denominators are factors of 8**

- **What could the fractions be?**