

**Year 4 Maths**

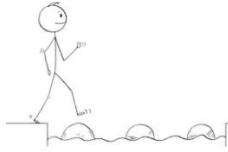
**Steppingstone activity**

**LO: To add a subtract fractions (counting)**

**Success Criteria:**

- |                                 |
|---------------------------------|
| 1. Look at the image            |
| 2. Make your fraction           |
| 3. Add or subtract the fraction |
| 4. Write the answer             |

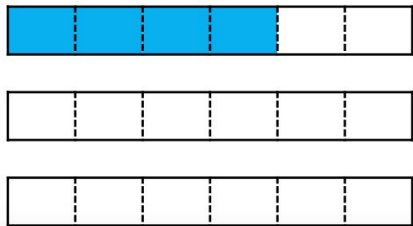
**Model**



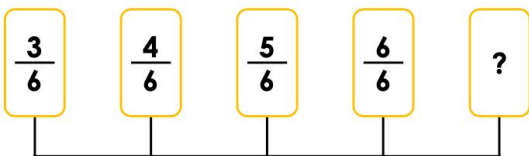
1. 2. 3. 4.

1. This sequence increases by  $\frac{1}{6}$  each time.

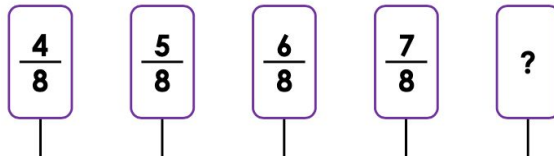
Shade the bar model to show the next 2 numbers



3. What fraction comes next?

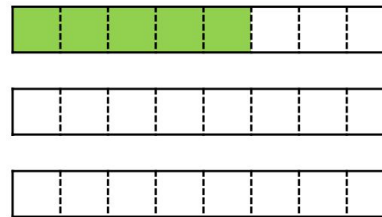


4. What fraction comes next?

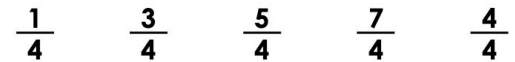


2. This sequence increases by  $\frac{1}{8}$  each time.

Shade the bar model to show the next 2 numbers



5. Chose 3 fractions to make a sequence increasing by  $\frac{1}{4}$  each time.



Canonbury Home Learning  
**Year 4 Maths**

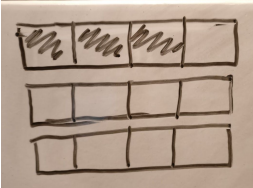
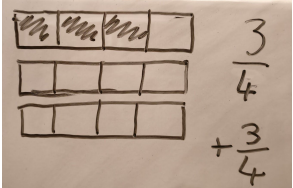
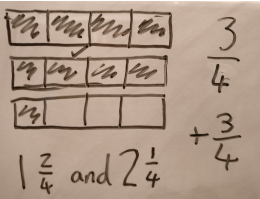
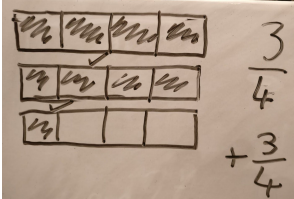
**Lesson 17**

**LO: To add a subtract fractions (counting)**

**Success Criteria:**

1. Look at the image
2. Make your fraction
3. Add or subtract the fraction
4. Write the answer

**Model:**

1.  2.  3.  4. 



**3** ← **Numerator**  
How many equal parts do you have?

**4** ← **Denominator**  
How many equal parts is the whole divided into?

**Year 4 Maths Main activity**

Complete at least 2 columns, more if you can!

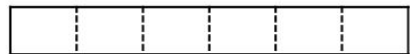
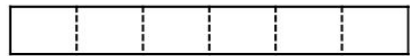
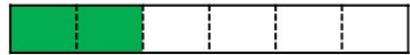
**Task 1**

**Practice: Read the question and following the fraction sequence.**

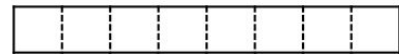
1. This sequence increases by  $\frac{3}{12}$  each time. Shade the bar model to show the next 2 numbers.



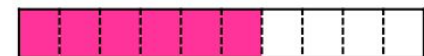
2. This sequence increases by  $\frac{2}{6}$  each time. Shade the bar model to show the next 2 numbers.



3. This sequence increases by  $\frac{3}{4}$  each time. Shade the bar model to show the next 2 numbers.



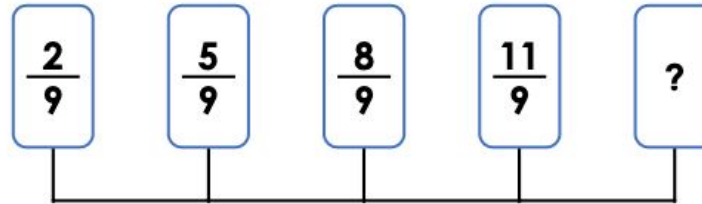
4. This sequence increases by  $\frac{3}{5}$  each time. Shade the bar model to show the next 2 numbers.



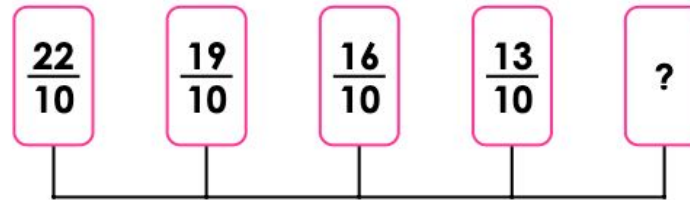
**Task 2**

**Practice: Read the question and following the fraction sequence.**

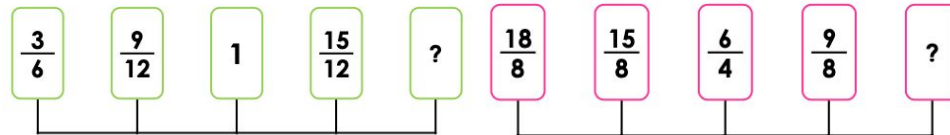
1. Which fraction comes next?



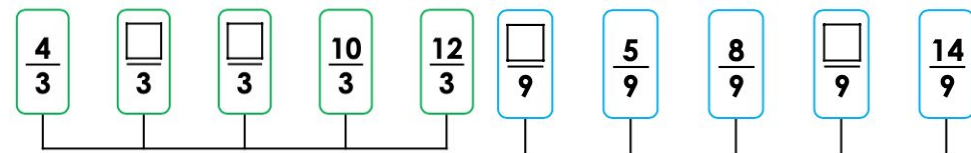
2. Which fraction comes next?



3. Finish the sequences



4. Complete the sequences



Rewrite the sequence using mixed numbers.

Rewrite the sequence using mixed numbers.

**Task 3****Reasoning**

Explain your answers.

6a. Alice has written the following sequence:

$$2, 1\frac{3}{5}, 1\frac{1}{5}$$



The next number will be 1.

Is she correct?

Explain your answer.

9b. Brad has written the following sequence:

$$\frac{5}{7}, 1\frac{1}{7}, 1\frac{4}{7}$$



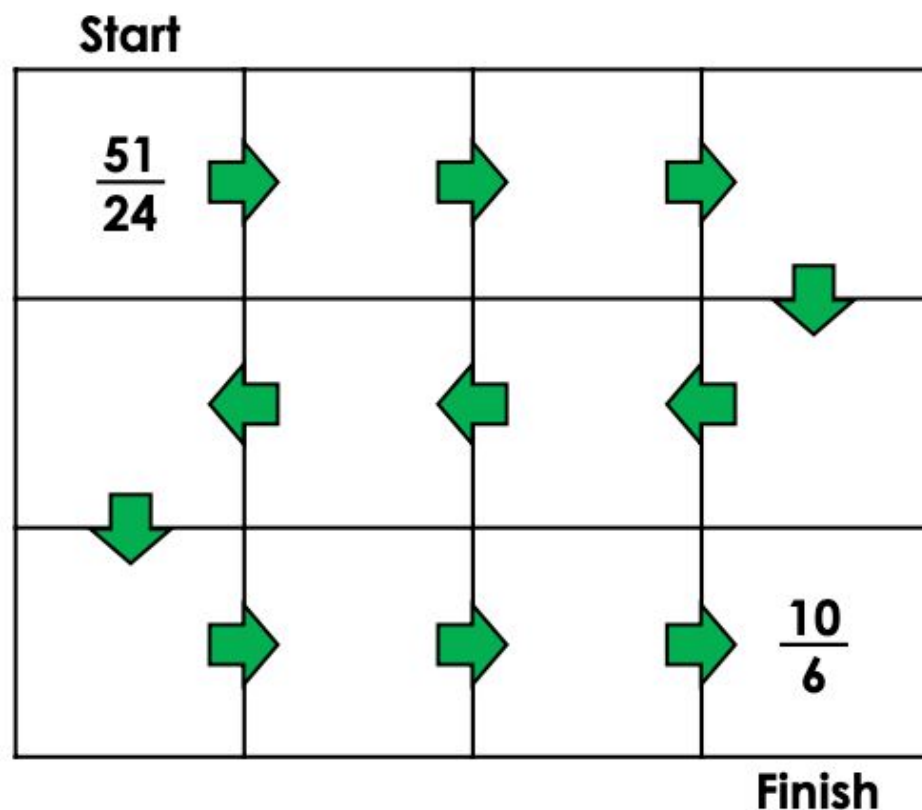
The next number will be 2.

Is he correct?

Explain your answer.

**Task 4****Problem solving**

1. Using the rules below, complete the track from start to finish by counting in equal fractions. Remember to use equivalent fractions to save your 6ths!

**Rules**

1. Three of the boxes must contain 6ths.
2. Three of the boxes must contain 12ths.
3. Six of the boxes must contain 24ths.