

**Year 3 Learning From Home**  
**Subject: Mathematics**  
**Week 3 Term 4, Thursday 21/10/21**

**Learning Focus :** We will represent, model and compare commonly used fractions and decimals.

We have designed some questions **if you need some help** to get started.

**Tuning In:**

|    |     |     |     |     |
|----|-----|-----|-----|-----|
| 47 | 52  | 57  | 62  | 67  |
| 72 | 77  |     |     | 92  |
|    | 102 | 107 | 112 |     |
|    |     |     | 137 | 142 |

What numbers have been shaded orange?

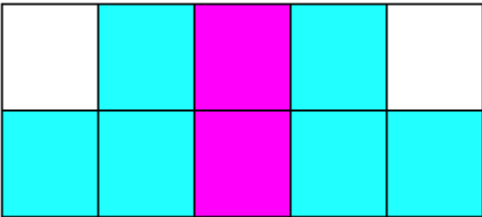
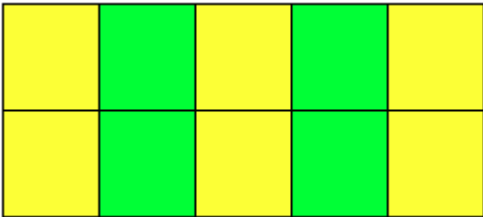
How do you know?

**Task:**

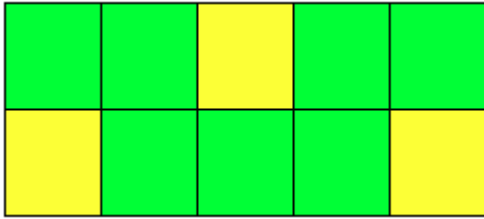
**Sports Team Flags Again**

All the schools in the Diocese were asked to design a flag that represented the Parramatta Diocese. The six final entries and their labels were displayed. Unfortunately, the door was open and the wind blew all the **flags** and **labels** onto the floor.

**Can you help match the flags to the labels?**

| FLAG   | LABELS   |
|--|--|
| <p><b>Flag 1</b></p>  | <p><b>Label A</b></p> <div style="border: 1px solid black; padding: 10px; background-color: #fff9c4;"> <p style="text-align: center;">The flag is 0.6 yellow.<br/>It is 0.4 green.</p> </div>                      |
| <p><b>Flag 2</b></p>  | <p><b>Label B</b></p> <div style="border: 1px solid black; padding: 10px; background-color: #e1bee7;"> <p style="text-align: center;">The flag is 2/10 white.<br/>It is 2/10 pink.<br/>It is 6/10 blue.</p> </div> |

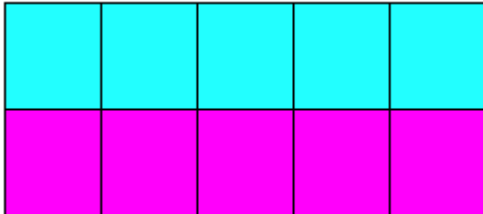
Flag 3



Label C

The flag is 0.5 pink.  
It is 5/10 blue.

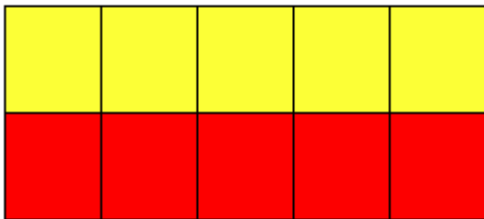
Flag 4



Label D

The flag is 5/10 yellow.  
It is 5/10 green.

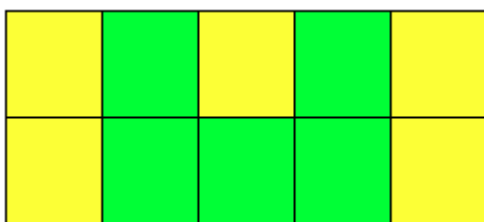
Flag 5



Label E

The flag is 0.4 yellow.  
It is 0.6 red.

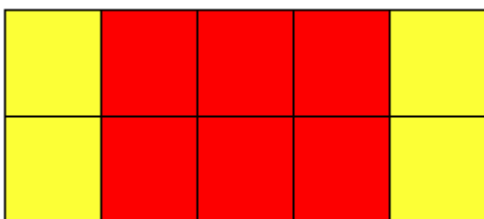
Flag 6



Label F

The flag is  $\frac{1}{2}$  yellow.  
It is  $\frac{1}{2}$  red.

Flag 7



Label G

The flag is 0.3 yellow.  
It is 7/10 green.

**If you need some help to get started:**

- Look carefully at **Flag 1**. It is one whole flag divided into equal pieces. There are 10 equal pieces. 6 of the pieces are coloured blue, so the fraction is  $\frac{6}{10}$ . The decimal is 0.6. There are 2 pink pieces, so the fraction is  $\frac{2}{10}$  and the decimal is 0.2. There are 2 white pieces, so the fraction is  $\frac{2}{10}$  and the decimal is 0.2. This matches **Label B**.

**If you would like an extra challenge:**

- Sometimes a fraction can be recorded in different ways. Tenths can also be recorded as fifths. Can  $\frac{6}{10}$  be recorded a different way? How?
- What other fractions in the flags above can be recorded in different ways?