**Green answers**

1.

1. 5/7 2. 4/5 3. 4/5 4. 5/6 5. 6/8 6. 7/7 **or** 1 whole

7. 8/9 8. 7/8 9. 9/10 10. 11/12 11. 9/11 12. 13/15

2.

1a. A – $\frac{3}{4}$, B – $\frac{4}{5}$

2a. $\frac{1}{8} + \frac{\boxed{4}}{8} = \frac{5}{\boxed{8}}$

3a. False; answer should be $\frac{4}{7}$

4a. $\frac{7}{10}$

1b. A – $\frac{4}{5}$, B – $\frac{6}{10}$

2b. $\frac{2}{\boxed{5}} + \frac{\boxed{2}}{5} = \frac{4}{5}$

3b. True

4b. $\frac{5}{6}$

**Yellow answers**

1. a = 3/5 b = 5/7 c = ¾ d = 7/10

2.

Look at the problem $\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$. Why does the 4 stay as 4 – why isn't it $\frac{2}{4} + \frac{1}{4} = \frac{3}{8}$?

*The 4 stays as 4 because it is the denominator and that doesn't change because it shows us how many pieces or how much the whole is split into*

3.

5a. A – $\frac{8}{12}$, B – $\frac{6}{8}$

6a. $\frac{2}{9} + \frac{1}{\boxed{9}} + \frac{\boxed{4}}{9} = \frac{7}{9}$

7a. True

8a. $\frac{9}{10}$

5b. A – $\frac{8}{10}$, B – $\frac{6}{11}$

6b. $\frac{\boxed{1}}{11} + \frac{5}{\boxed{11}} + \frac{2}{11} = \frac{8}{11}$

7b. False; it should be $\frac{6}{8}$

8b. $\frac{9}{12}$

**Red answers**

1. In 5a and 5b ask an adult to check your answers

**4a.** Kamir is incorrect because he has added the denominators instead of the numerators. The correct answer is $\frac{6}{5}$

**5a.** Various possible answers, for example:

$\frac{0}{10} + \frac{6}{10}$ , $\frac{1}{10} + \frac{5}{10}$ and $\frac{2}{10} + \frac{4}{10}$

**6a.** $\frac{3}{8} + \frac{3}{8} + \frac{1}{8} = \frac{7}{8}$

**4b.** Georgina is correct because she has only added the numerators. The denominators have stayed the same.

**5b.** Various possible answers, for example:

$\frac{0}{10} + \frac{7}{10}$ , $\frac{1}{10} + \frac{6}{10}$ and $\frac{2}{10} + \frac{5}{10}$

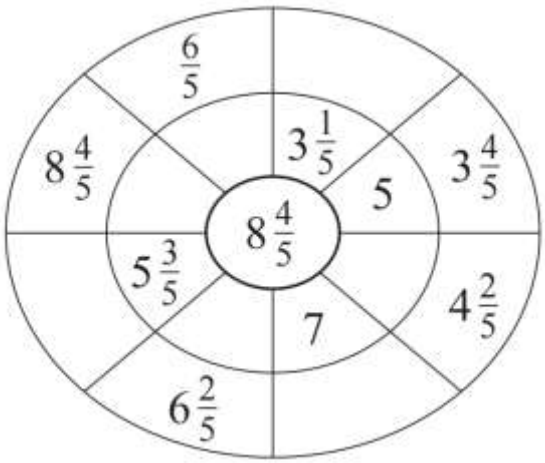
**6b.** $\frac{5}{12} + \frac{2}{12} + \frac{2}{12} = \frac{9}{12}$

2. Count forward from 5 in quarters

**5 5 ¼ 5 ½ 5 ¾ 6 6 ¼ 6 ½ 6 ¾ 7**

**Note ½ is the same as 2/4**

3. Complete the diagram




5 3/5 + 3 1/5 = 8 4/5

4 2/5 + 4 2/5 = 8 4/5

7 + 1 4/5 = 8 4/5

6 2/5 + 2 2/5 = 8 4/5

3 1/5 + 5 3/5 = 8 4/5

8 4/5 + 0 = 8 4/5

6/5 (1 1/5) + 7 3/5 = 8 4/5