Friday 15th May

L.K: Adding and subtracting fractions assessment

Have a go at the questions below before you start the assessment so that you can practice what we have learnt!

1. $\frac{2}{8} + \frac{1}{8}$	2. $\frac{2}{6} + \frac{1}{6}$	3. $\frac{3}{4} + \frac{2}{4}$	4. $\frac{11}{12} + \frac{2}{12}$
5. $\frac{4}{5} + \frac{3}{5}$	6. $\frac{3}{4} + \frac{3}{4}$	7. $\frac{3}{4} - \frac{3}{7}$	8. $\frac{4}{5} - \frac{3}{4}$
9. $\frac{2}{3} - \frac{2}{5}$	10. $\frac{4}{6} + \frac{5}{9}$	11. $\frac{3}{4} - \frac{5}{7}$	12. $\frac{5}{7} + \frac{4}{6}$
13. $\frac{3}{8} + \frac{1}{6}$	14. $\frac{5}{9} - \frac{1}{2}$	15. $\frac{1}{2} + \frac{1}{7}$	16. $\frac{3}{6} - \frac{1}{3}$

Answers are on the next page! The assessment will go over things that we have already learnt and will give you an opportunity to see what you need a bit more work on. If you really struggle on part of it then please do email me to ask for help.

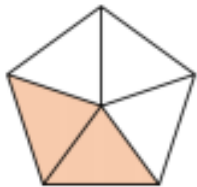| 1. $\frac{3}{8}$	2. $\frac{1}{2}$	3. $1\frac{1}{4}$	4. $1\frac{1}{12}$
5. $1\frac{2}{5}$	6. $1\frac{1}{2}$	7. $\frac{9}{28}$	8. $\frac{1}{20}$
9. $\frac{4}{15}$	10. $1\frac{2}{9}$	11. $\frac{1}{28}$	12. $1\frac{8}{21}$
13. $\frac{13}{24}$	14. $\frac{1}{18}$	15. $\frac{9}{14}$	16. $\frac{1}{6}$

Year 4

Fractions

Name _____
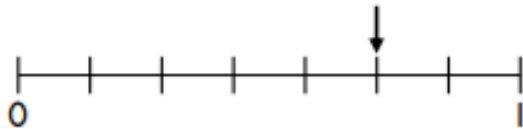
1 What fraction of the shape is shaded?

_____   ☐ 1 mark

What fraction is the arrow pointing to?

0   1

_____   ☐ 1 mark

2 What is $\frac{2}{9} + \frac{5}{9}$?
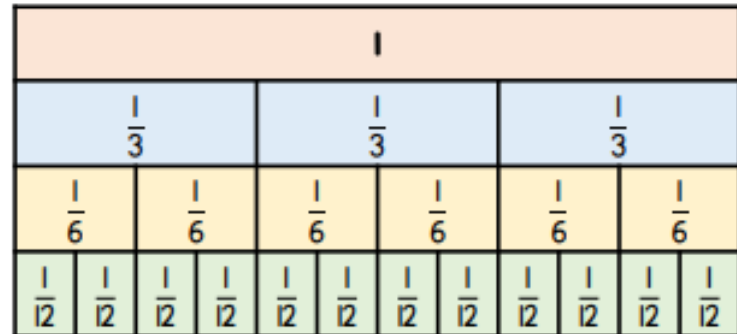
Use the fraction strip to help you.

_____   ☐ 1 mark

3 Complete the equivalent fractions.
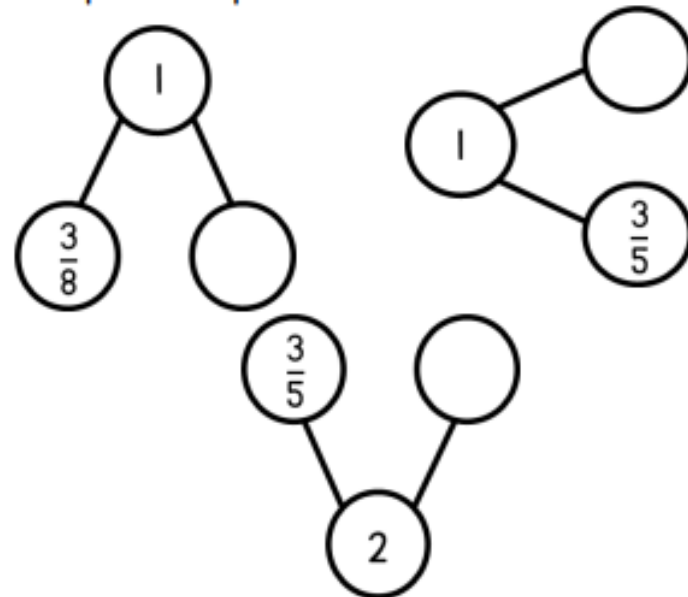Use the fraction wall to help you.

$$\frac{1}{3} = \frac{\square}{6} = \frac{\square}{12} \qquad 1 = \frac{\square}{12} = \frac{\square}{6} = \frac{\square}{3}$$

☐ 2 marks

4 Complete the part-whole models.

☐ 3 marks

5 Annie is counting in quarters.

One quarter, two quarters, three quarters, four quarters, five quarters, six quarters...

What is the next fraction that Annie will say?

Circle all possible answers.

$\frac{7}{4}$ $\frac{4}{7}$ $1\frac{3}{4}$ Seven Quarters

2 marks

6 Calculate.

$$\frac{12}{5} - \frac{4}{5} = \frac{\square}{\square}$$

$$\frac{4}{5} + \frac{3}{5} = 1 + \frac{\square}{5}$$

2 marks

7 A chocolate bar weighs 250 grams.

Liam eats $\frac{3}{10}$ of the chocolate bar.

Bella eats $\frac{7}{10}$ of the chocolate bar.

How many more grams does Bella eat than Liam?

_____ grams   2 marks

8 Complete the missing number.

$$\frac{1}{6} \text{ of } \square = 42$$

1 mark

Circle how confident you feel with fractions.

| 1 | 2 | 3 | 4 | 5 |

Not confident   Very confident