11.02.2021 – Adding fractions Getting Started Sheet

*Use this sheet to build up your confidence to **attempt** the main worksheet. Remember, do your best and **give it a go**.* ☺

Today's top tip- remember that the denominator doesn't change. Keep that the same and change the numerators.

Use the example to help you.

question

d) $\frac{4}{9} + \frac{\boxed{}}{9} = \frac{11}{9} = 1\frac{\boxed{}}{9}$

answer

$\frac{4}{9} + \frac{\boxed{7}}{9} = \frac{11}{9} = 1\frac{\boxed{2}}{9}$

1) I know that I need to do 11 - 4 to work out the missing numerator.

2) This is 7. I know now that 4 + 7 = 11.

3) 11/9 is the same as 1 whole (9/9) and 2/9.

1.

Take two identical strips of paper.
Fold your paper into quarters.
Can you use the strips to solve

$\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$ $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{4}$ $\frac{3}{4} + \frac{3}{4} = \frac{6}{4}$ $\frac{\boxed{2}}{4} + \frac{\boxed{5}}{4} = \frac{7}{4}$

What other fractions can you make and add?

2.

Use the models to add the fractions:

$\frac{2}{7} + \frac{2}{7} = \frac{4}{7}$

$\frac{3}{5} + \frac{4}{5} = \frac{7}{5}$

Choose your preferred model to add:

$\frac{2}{5} + \frac{1}{5}$ $\frac{3}{7} + \frac{6}{7}$ $\frac{7}{9} + \frac{4}{9}$

3.

) Complete the additions.

a) $\frac{1}{5} + \frac{2}{5} = \boxed{\frac{3}{5}}$

b) $\frac{1}{5} + \frac{3}{5} = \boxed{\frac{4}{5}}$

c) $\frac{3}{8} + \frac{3}{8} = \boxed{\frac{6}{8}}$

d) $\frac{3}{8} + \frac{1}{8} = \boxed{\frac{4}{8}}$

4.   Complete the part-whole models.

a)

b)