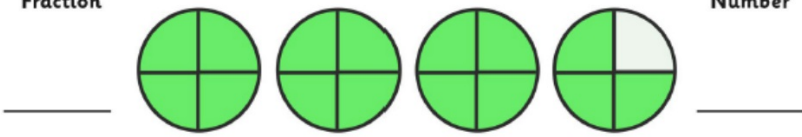


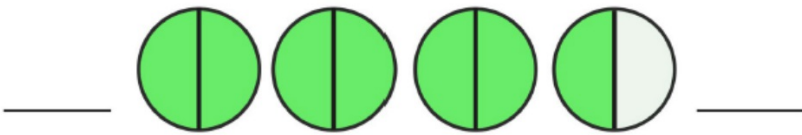
Improper Fraction

Mixed Number

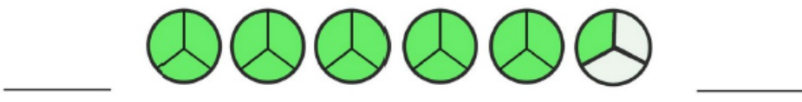
a)



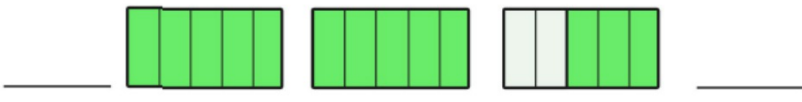
b)



c)



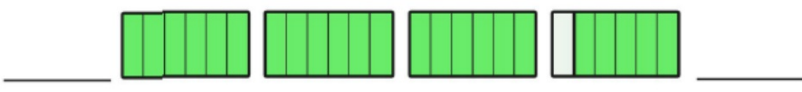
d)

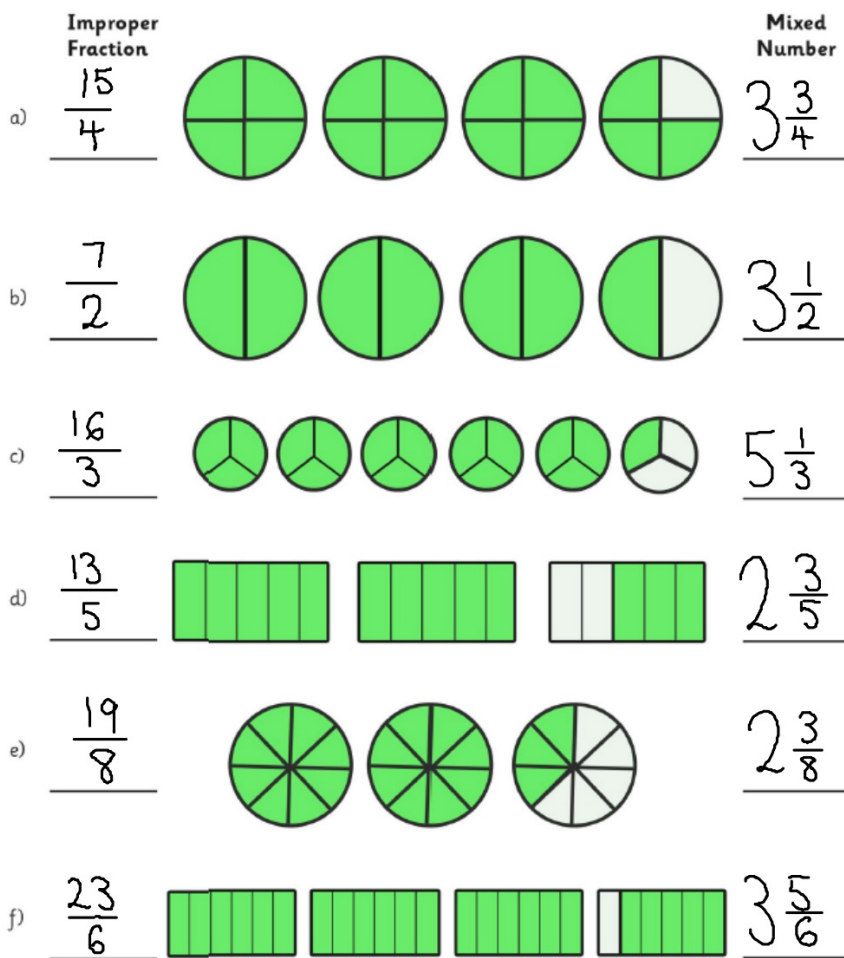


e)



f)





To find the improper fraction

Look at each shape. How many small pieces has each shape been divided into? In part a, each circle has been cut into 4 equal parts (quarters) so the denominator (bottom number of the fraction) will be 4. Now count how many of these quarters have been coloured in. In part a, it is  $4 + 4 + 4 + 3 = 15$  so the numerator (top number) is 15. Therefore, in part a,  $\frac{15}{4}$  (15 quarters) have been coloured.

To find the mixed number

Begin by counting the number of whole shapes which have been completely coloured in. In part a, 3 whole circles have been coloured so write down a tall 3. Now look at the final circle. 3 out of the 4 sections are coloured (3 quarters). Write this fraction after the whole number. Therefore, in part a,  $3\frac{3}{4}$  (three and three quarters) has been coloured.

Make sure that the whole number is tall. You don't want your answer to look like  $\frac{33}{4}$  because someone might think you've written 33 quarters!