MATHS

YEAR 6
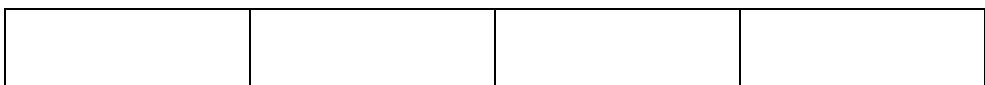**NUMBER: FRACTIONS**

NC. Objective: To add and subtract fractions with different denominators and mixed numbers, multiply simple pairs of proper fractions and divide proper fractions by whole numbers.

1. Hermione drank $\frac{3}{4}$ of a jug of milk and later drank $\frac{2}{3}$.

    Use the bar models below to help you find the total amount of milk she drank.

    a) Convert both fractions so the bars show the same number of equal parts.

    b) Shade the parts to show the amount drunk.

    c) Write the calculation and find the answer.

2. Polixenes walked $2\frac{1}{2}$ miles in the morning and $1\frac{3}{4}$ in the afternoon.

    How far did he walk in total?

3. Hermione planted $\frac{2}{7}$ of the garden with roses and $\frac{3}{4}$ of that area with tulips too.

    a) What fraction of the <u>whole garden</u> has tulips?
    b) Draw a diagram of the garden showing the correct fractions of flowers.

4. There were $6\frac{3}{4}$ barrels of juice prepared for the banquet.

    Over the course of the evening, $2\frac{5}{6}$ barrels were used.

    How many barrels remained?