**MATHS**

YEAR 5
NUMBER: FRACTIONS

NC. Objective: To add and subtract fractions with denominators that are multiples of the same number and multiply mixed numbers and improper fractions by whole numbers.

1. Camillo walked $\frac{7}{8}$ of the mountain path but slipped back $\frac{1}{4}$ of the path because of the icy terrain.

    How much of the path had Camillo completed after he slipped?

2. At the Winter Feast, Polixenes ate $\frac{3}{5}$ of a pie and later ate $\frac{1}{10}$ more.
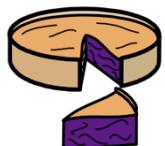
    How much pie did he eat in total?
    Draw a bar model showing tenths to help you add the fractions.

3. Hermione baked $2\frac{3}{4}$ cakes for the first day of Leontes' birthday celebrations. The celebrations lasted for 5 days. Leontes requested the same number of cakes each day.
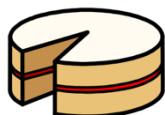
    How many cakes did Hermione bake altogether?

4. The Winter Feast needs $4\frac{1}{2}$ barrels of juice for each of the 6 tables.

    How many barrels will be needed in total?

5. At dinner, the guests ate different fractions of a parmesan wheel.
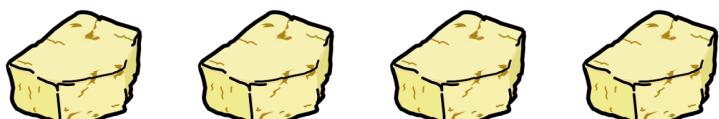
    Put the fractions in order from smallest to largest. Show your working using a bar model or common denominators.

    $\frac{3}{4}$ $\frac{5}{8}$ $\frac{7}{12}$ $\frac{2}{3}$