National 5 Homework – Applications

WORKING with FRACTIONS

1. Work out the answers to the following:

(a) $2\dfrac{1}{3} + 1\dfrac{2}{5}$ (b) $6\dfrac{3}{7} - 3\dfrac{5}{9}$ (c) $2\dfrac{4}{7} \times \dfrac{28}{45}$ (h) $5\dfrac{1}{2} \div 3\dfrac{2}{3}$

2. Calculate: (a) $\dfrac{7}{8} + \dfrac{4}{5} - \dfrac{3}{7}$ (b) $\dfrac{5}{8} - \dfrac{2}{9} \times \dfrac{3}{10}$ (c) $2\dfrac{1}{4} \div \left(\dfrac{9}{10} + \dfrac{2}{3}\right)$

(HINT Remember to use BODMAS)

3. A garden is rectangular in shape and measures   Length $7\dfrac{4}{5}$ m,   Width $10\dfrac{2}{3}$ m

(a) Calculate the perimeter of the garden.

(b) Find its area.