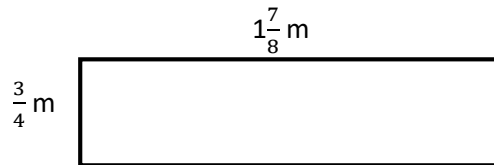


National 5 Homework

Numerical Skills

Working with Fractions

1. Evaluate $\frac{3}{4}$ of $(2\frac{2}{3} - 1\frac{3}{5})$.
2. Work out $5\frac{1}{3} \div \frac{8}{9}$. Give your answer in its simplest form.
3. Calculate the area of the rectangle below. Express your answer in its simplest form, including units



4. Work out $3\frac{3}{5} \times 1\frac{2}{9}$. Give your answer in its simplest form
5. Evaluate $\frac{5}{12} \times 2\frac{2}{9}$.

Give the answer in its simplest form. **(SQA Paper 1 ; 2 marks)**



6. Simplify $\sqrt{20} + 4\sqrt{5} - \sqrt{45}$.
7. Write down the 6 laws of indices.
8. Simplify $p^{-2}(5p^{-4} + 6p^2)$, expressing your answer with positive indices.
9. Evaluate $25^{3/2}$.