



National 5 - Home Ex 1

BODMAS, Scientific Notation, Significant Figures and Fractions

NON CALCULATOR!!

Remember to show ALL working

1. Calculate...

(a) $(14 + 2) \div 4 + 5$

(b) $4^3 - 4 \div 2$

(c) $10 + 72 \div 8 - 6$

2. Round the following to 2 significant figures

(a) 324902

(b) 0.07456

(c) 1.050505

3. There are 3×10^5 platelets per millilitre of blood.

On average, a person has 5.5 litres of blood.

On average, how many platelets does a person have in their blood?

Give your answer in scientific notation.

4. Evaluate

(a) $2\frac{2}{3} + 3\frac{5}{8}$

(b) $5\frac{5}{12} - 1\frac{9}{10}$

(c) $4\frac{1}{6} \times 3\frac{3}{5}$

(d) $1\frac{2}{3} \div 2\frac{4}{5}$

(e) $\frac{2}{7} \left(1\frac{3}{4} + \frac{3}{8} \right)$

(f) $\frac{2}{5} \left(3\frac{1}{2} + \frac{4}{5} \right)$

End of Home Ex