

Non-Calc Questions Revision

1. Write the following numbers in Standard Form:

- a) 32600000      b) 0.000045

2. Convert to fraction/decimal/percentage:

- a) 0.8              b) 28%               $\frac{5}{8}$

3. Estimate the following calculation:

$$\frac{3.67 \times 19.8}{0.48}$$

4. Simplify the following:

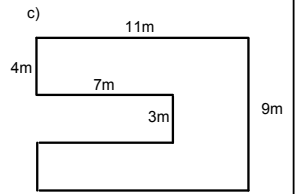
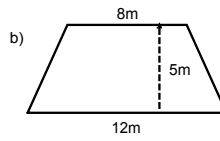
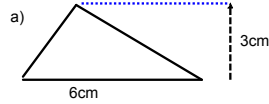
- a)  $y^3 \times y^5$       b)  $8p^4 \div 2p$       c)  $(2y^3)^2$

5. Solve the following inequalities and show them on a number line:

- a)  $2x + 5 > 13$       b)  $3(x + 2) - 4 \leq x + 4$

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6. Find the Areas of the following shapes:



7. If  $a = 5.5 \times 10^4$  and  $b = 2 \times 10^{-3}$  find...

- a)  $a \times b$       b)  $b \div a$       c)  $a + b$

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