

Year 9 sets 2a and 2b w/c Monday 4th May

Dear all,

I hope you are all staying happy and healthy and managing to get out in to the fresh air despite the rain!

This week we are going to continue focus on NUMBER topics, most of which you will have met before but they are vital skills and will make up a significant number of marks on you GCSE papers. We have a bank holiday on Friday so I've set a little less work than last week 😊 HOWEVER, if you are yet to complete any of the previous assignments or need to improve any scores to above 70% then please ensure you use this week to get back on track.

ROUNDING

I'd like you to watch the 4 videos linked to the Mathswatch assignment '**Rounding**' and then complete the assignment. The videos are:

31 rounding to 10, 100, 100

32 rounding to decimal places

90 rounding to significant figures

91 estimating answers (by first rounding each value in the sum to 1 significant figure)

There are quite a few questions to tackle but you don't have to complete them all in one go.

Now, please check your answers to last week's written task on estimating roots:

1) $6^2 = 6 \times 6 = 36$

$?^2 = ? \times ? = 40$

$7^2 = 7 \times 7 = 49$

As 40 is between 36 and 49, the square root of 40 must be between 6 and 7.

2) $11^2 = 11 \times 11 = 121$

$?^2 = ? \times ? = 135$

$12^2 = 12 \times 12 = 144$

As 135 is between 121 and 144, the square root of 135 must be between 11 and 12

Please correct your work if necessary and let me know if you need any help.

Optional Extension work:

Take another look at some common mistakes that students make in various topics. This is a great way to highlight any misunderstanding that you may have accidentally picked up when learning these topics. Copy the link and have a go at the challenge: <https://www.youtube.com/watch?v=4xTV3YBgev0&list=PL7BJ-1MkmUZ98qsBN4sH4ssK7c4YK0Qrl&index=3>

Very best wishes to you all, Mrs Todd 😊

