

My Daily Diary



THE Math Dogs

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Converting units of time

You will be keeping track of some of your daily activities on the next page. Make sure you record the start and end time (i.e. 12.46pm – 1:13pm). Try and be as specific as possible!

After recording the time of the activity, you'll need to convert it into minutes, then into seconds. For example: if the activity lasted for 1 hour and 15 minutes. You would convert this to 75 minutes, then to 4,500 seconds. Check out the example below:

Activity	Start and finish time	Minutes	Seconds
Drive to school	7:18-7:39	21 minutes	1,260 seconds
Volleyball practice	3:17-4:00	43 minutes	2,580 seconds

Your last task will be adding up all of your daily activities and converting them into hours, minutes, and seconds. There are also some reasoning and problem solving challenge questions at the end!

Have fun... and don't forget to check your watches!

[illegible]



Converting units of time

Calculate how many hours you spent on your 10 activities altogether today:

Subtract the amount of time your activities took from 24 hours, convert your answer into each:

_____ hours _____ minutes _____ seconds

Break your activities down into a few different categories (i.e. sports, school, fun). Write the total times for each category (converting into each - hours, minutes, and seconds).

Challenge- Try and take one of your categories and multiply it by the number of days a year you partake in that activity. Then write the total amount a time each year you do that activity. Is it more than a whole day over the course of the year? A week?