[](http://www.google.co.uk/imgres?imgurl=http://workoutenginepro.workoutengine.com/static/workoutenginepro/2011/09/idea.jpg&imgrefurl=http://www.missanisah.com/2012/11/eureka-moments.html&h=331&w=143&tbnid=tAgAuKofwsjdZM:&zoom=1&docid=RHJehdMD1lQeoM&ei=EJdaVMIM8JCxBLLTgpAF&tbm=isch&ved=0CD4QMygXMBc&iact=rc&uact=3&dur=444&page=1&start=0&ndsp=33)Science homework task – November (Averages)

If I get stuck I can ask my teacher for help!

Please attempt all questions using the help guide you have been given. If you get stuck, please see your teacher for help before the deadline date.

How to do averages :

1. Add all the figures together
2. Count the number of figures you added together
3. Divide the answer to step 1 by the answer to step 2
4. **Your average will never be bigger than your biggest figure or smaller than your smallest figure**

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Example : Class 2D scored the following marks on their lab practical . Calculate the average mark for the class.

7,9,7,5,6,7,10,9,8,4,8,5,7,10

Average = 7+9+7+5+6+7+10+9+8+4+8+5+7+10

14

= 102

14

= 7.3

Level 3

**Now have a go at working out the averages for this set of data**

1. 52, 64, 45, 18 and 28
2. 129, 248, 825, 998, 621, 332, 774 and 473
3. 1149, 45, 22, 845, and 304
4. 78, 393, 14, 284, 265, 4144, and 2522
5. 478, 48, 25, 747, 484, 374, 853, 403, 81, and 507

These should have given you whole number answers.

**Have a go at some now that are not whole numbers**

1. 2.5, 6.4, 3.9, 4.5, 9.1 and 6.6
2. 92.1, 73.4, 32.3, 47.7, 89.9, 21.6, 82.5 and 46.1
3. 2.2, 40.3, 49.1, 119.4 and 90.5
4. 252.2, 4.8, 56.2, 15.2, 144.1, 9.5 and 20.6