

## Homework for Access Maths 12<sup>th</sup> Oct 2009

Algernon is using some statistics in his PowerPoint presentation. Help him to round the figures to the level shown in the table below...

Number	Round to...	Your answer in figures
Population of Ireland, 4,203,200	Nearest hundred thousand	
NHS Band 4 starts at £17,732	Nearest thousand	
59 608	Nearest thousand	
19 523	Nearest hundred	
24.48	Nearest one	

The table below shows a series of decimal calculations. In the first column, estimate your answer using the rough figure method we looked at in lessons. In the final column, put the accurate answer that you worked out with the figures given. Hand in your working out for the accurate answers as well!

Calculations	Estimated answer	Accurate answer
$19.997 + 2.8$		
$2.5 \times 3.7$		
$18.6 \times 3.9$		
$1.23 \times 49$		
$945 \times 1.8$		
$34.6 \times 7.5$		
$6 \times 2.375$		
$0.75 \times 84$		
$35.5 \times 8.5$		

Evadne is designing a laboratory and she wants to know the volume of the room, so as to be able to pick the right size of ventilation fan. The lab is 6.5 metres long, 5.5 metres wide and has a height of 2.8 metres. Calculate the volume of the room in cubic metres.

Terrence is going abroad to Paris. He is taking £150, and each pound is worth 1.4 Euros. How many Euros will Terrance receive for his £150?

Jamilla is paid £9.75 per hour, and she works 28 hours one week. What is her total pay for that week?