

MATHEMATICAL LITERACY: PAPER II

APPENDIX BOOKLET

1. This booklet consists of 4 pages, including this cover page.
2. There are appendices A to E as follows:

Appendix	Content	Needed for Question
A	A list of calls made in a specific week	1.1
B	Cost of Calls	1.1
C	Personal Income Tax Rates and Rebates	3
D	Graphs – 'Foetal Growth' & 'Weight for Age of BOYS'	4
E	Road map	5

3. Do not write answers in this booklet as this booklet is to be used ONLY for extracting information. ***Nothing in this booklet will be marked.***
 4. This booklet does NOT need to be submitted with your answer books.
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APPENDIX A A list of calls made during a specific week

Date	Time of Call	Length of Call
February 2007		
Monday 5 th	Peak	2 min 36 sec
Tuesday 6 th	Off-Peak	5 min 12 sec
Wednesday 7 th	Peak	12 min 3 sec
Thursday 8 th	Peak	3 min 14 sec
Friday 9 th	Off-Peak	4 min 59 sec

APPENDIX B Cost of Calls

Peak Calls	*R2,40 per minute or part thereof
Off Peak Calls	*R1,20 per minute or part thereof

*Calls are charged per minute or part thereof. Thus if a call lasts for 2 minutes and 13 seconds, the customer will be charged for the full 3 minutes.

APPENDIX C Personal Income Tax Rates and Rebates**INDIVIDUALS**

Annual Taxable Income (in Rand)	Rates of Tax (in Rand)
0 – 122 000	18% of each R1
122 001 – 195 000	21 960 + 25% of the amount over 122 000
195 001 – 270 000	40 210 + 30% of the amount over 195 000
270 001 – 380 000	62 710 + 35% of the amount over 270 000
380 001 – 490 000	101 210 + 38% of the amount over 380 000
490 001 and more	143 010 + 40% of the amount over 490 000

REBATES

Rebates are fixed amounts deductible from tax payable according to the tax tables and are only applicable to individuals. This means that only once the tax has been calculated, an amount of either R8 280 or R13 320 needs to be deducted.

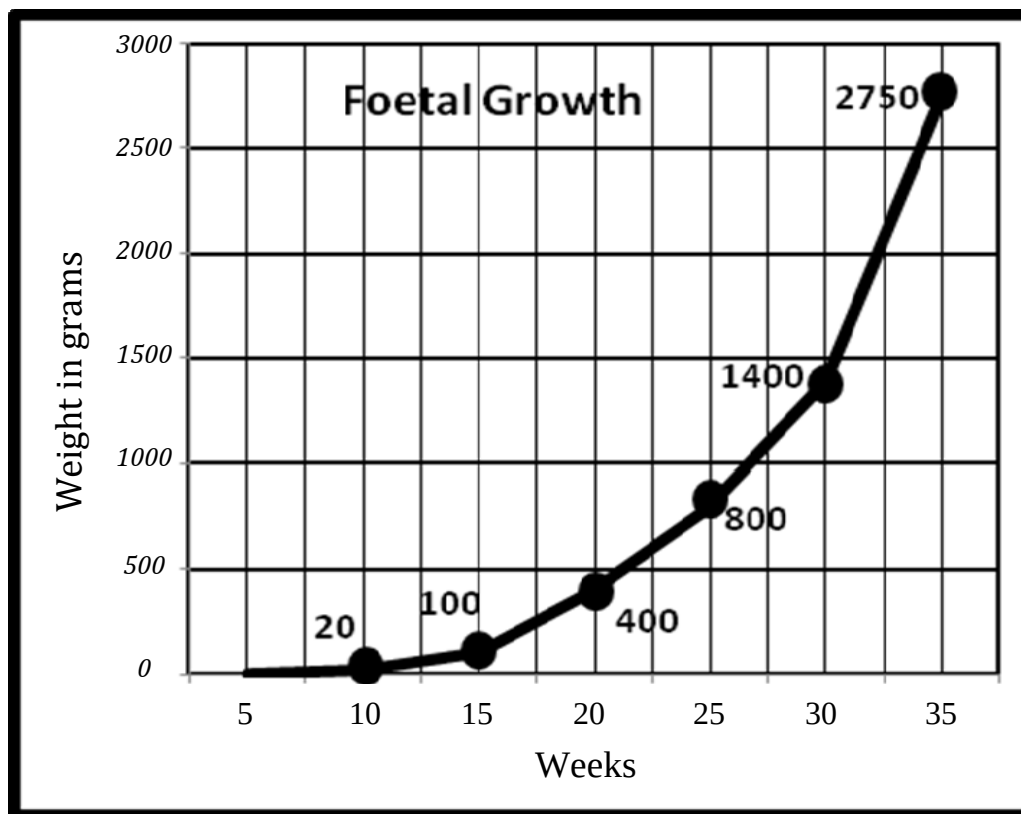
Age	Rebates
Persons under 65	R8 280
Persons 65 years or older	R13 320

[Source: <www.sars.co.za>]

APPENDIX D Growth Charts

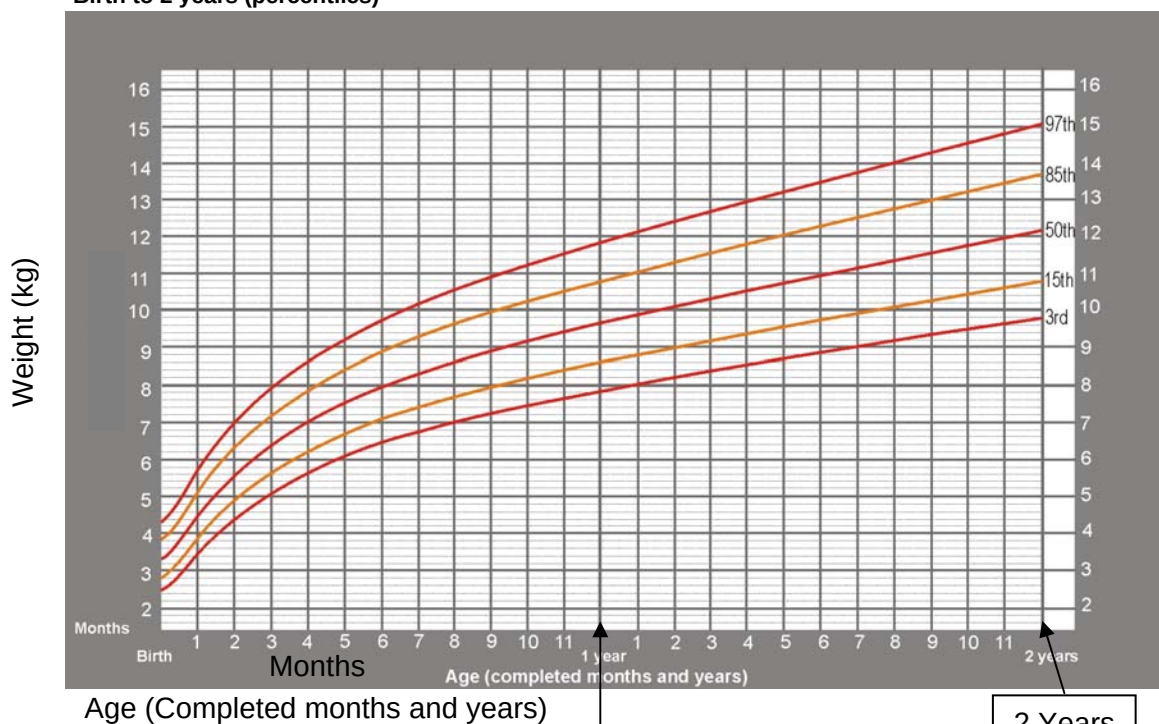
In the very early weeks, the developing baby is called an embryo. Then, from about six weeks onward, it is called a foetus, meaning *young one*.

[<Askbaby.com>]



Weight-for-age of BOYS

Birth to 2 years (percentiles)



The map displays the northern regions of South Africa, specifically the Free State and Northern Cape provinces. Major roads are shown in red and blue, with route numbers indicated. Towns and cities are labeled, including Kimberley, Bloemfontein, Edenburg, Trompsburg, Springfontein, Colesberg, and Hanover. Distances between towns are marked, such as 22 km between Trompsburg and Springfontein, and 41 km between Springfontein and Colesberg. The map also shows the borders of the Free State and Northern Cape provinces.