TEACHERS WITHOUT BORDERS PROGRAMME

BROUGHT TO YOU BY

















basic education Department: Basic Education REPUBLIC OF SOUTH AFRICA

With grateful thanks to our associate partners, The <u>National Department of Basic Education</u>, The <u>Independent</u> <u>Examinations Board</u>, <u>Siyavula Education</u>, <u>Smarticks</u>, <u>Noteshare</u>, <u>Lemonlicious</u>, <u>datacentrix</u>, and most of all, to the schools and teachers from both the public and private education sectors who as founder contributors, have lent content to the <u>Teachers without Borders programme</u>, for the benefit of all South Africa's learners.

In Bill Gates words, at the Mandela Day 'Living Together' address: "Maintaining the quality of this country's higher education system while expanding access to more students will not be easy. But it's critical to South Africa's future" – working together, we can help achieve this."

Contributing schools to date:

Clifton School	Milnerton High	Rustenburg Girls' High	St Peter's
Durban Girls'	Northwood High	St Anne's DC	St Stithians
Fairmont High	Roedean	St John's DSG	Wynberg Boys' High
Herzlia High	Rondebosch Boys'	St Mary's DSG Kloof	Wynberg Secondary

ASSIGNMENT 1A

Grade 9

Numbers, Factors and Multiples, Ratio and Rate and Integers

Name: _____

- Use blue or black ink only.
- Answer all the questions on the page.
- Show <u>ALL</u> working

Question 1

Put ticks in the relevant boxes for the numbers below.

Integer	Real	Rational	Irrational	Imaginary

Question 2

[5]

Question 3

3.2

money?

In 2013, Kyle and Greg earned pocket money in the ratio of . In 2014, Kyle's pocket money was increased by 10%, while Greg's pocket money was decreased by 20%. What is the new ratio (in simplest form) of their pocket

(2)

[4]

Question 4

Simplify:	
4.1.1	(2)
4.1.2	(3)
	(2)
4.1.3	(2)

Solve for :		
4.2.1		(3)
4.2.2	(3)	