



GRADE 12

basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

SENIOR CERTIFICATE/SENIOR SERTIFIKAAT
NATIONAL SENIOR CERTIFICATE/
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GRADE 12/GRAAD 12

MATHEMATICS PU/WISKUNDE VI

NOVEMBER 2020

MARKING GUIDELINES/NASIERIGLYNE

MARKS/PUNTE: 150

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MATHS

PAPER 1 MEMO

Mathematics/P1

3
50/150



QUESTION 1

1.1 Solve for x :

1.1.1 $x^2 - 6x - 9$

1.1.2 $x^2 + 10x + 8 = 0$ (correct to TWO decimal places)

1.1.3 $(x - 3)(x + 2) < 0$

1.1.4 $\sqrt{x - 18} = x - 2$

1.2 Solve simultaneously for x and y :

$x + y = 3$ and $2x^2 + 4xy - y = 15$

1.3 If n is the largest integer for which $n^{20} < 5^{20}$, determine the value of n .

Mathematics Paper 1 November 2014 Grade 12 Memo

**Brian Barrett, Ursula Hoadley, John
Morgan**



Mathematics Paper 1 November 2014 Grade 12 Memo:

Knowledge, Curriculum and Equity Brian Barrett, Ursula Hoadley, John Morgan, 2017-07-20 In 2008 the first in a series of symposia established a social realist case for knowledge as an alternative to the relativist tendencies of the constructivist post structuralist and postmodernist approaches dominant in the sociology of education The second symposium focused on curriculum and the development of a theoretical language grounded in social realism to talk about issues of knowledge and curriculum Finally the third symposium brought together researchers in a broad range of contexts to build on these ideas and arguments and with a concerted empirical focus bring these social realist ideas and arguments into conversation with data Knowledge Curriculum and Equity Social Realist Perspectives contains the work of the third symposium where the strengths and gaps in the social realist approach are identified and where there is critical recognition of the need to incrementally extend the theories through empirical study Fundamentally the problem that social realism is seeking to address is about understanding the social conditions of knowledge production and exchange as well as its structuring in the curriculum and in pedagogy The central concern is with the on going social reproduction of inequality through schooling and exploring whether and how foregrounding specialised knowledge and its access holds the possibility for interrupting it This book consists of 13 chapters by different authors working in Oceania Asia Europe Africa and North America From very different vantage points the authors focus their theoretical and empirical sights on the assumptions about knowledge that underpin educational processes and the pursuit of more equitable schooling for all **Resources in Education** ,1988

Who's who Among Students in American Universities and Colleges Henry Pettus Randall, 1973

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