

NOTE:

- If a candidate answers a question TWICE, only mark the FIRST attempt.
- If a candidate has crossed out an attempt of a question and not redone the question, mark the crossed out version.
- Consistent Accuracy applies in all aspects of the marking memorandum.

QUESTION 1

1.1.1	$x(x+1) = 6$ $x^2 + x = 6$ $x^2 + x - 6 = 0$ $(x+3)(x-2) = 0$ $x = -3 \text{ or } 2$ <p>OR</p> $x^2 + x - 6 = 0$ $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ $= \frac{-1 \pm \sqrt{1^2 - 4(1)(-6)}}{2(1)}$ $x = -3 \text{ or } 2$	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Note: Answers by inspection: award 3/3 marks </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Note: Answer only of $x = 2$: award 1/3 marks </div> <div style="border: 1px solid black; padding: 5px;"> Note: If candidate converts equation to linear: award 0/3 marks </div>	<div style="display: flex; justify-content: space-between;"> <div> ✓ standard form ✓ factors ✓ answers </div> <div>(3)</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div> ✓ standard form ✓ substitution into correct formula ✓ answers </div> <div>(3)</div> </div>
1.1.2	$3x^2 - 4x = 8$ $3x^2 - 4x - 8 = 0$ $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ $= \frac{-(-4) \pm \sqrt{(-4)^2 - 4(3)(-8)}}{2(3)}$ $= \frac{4 \pm \sqrt{16 + 96}}{6}$ $= \frac{4 \pm \sqrt{112}}{6}$ $= \frac{2 \pm 2\sqrt{7}}{3}$ $= 2,43 \text{ or } -1,10$	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Note: If candidate uses incorrect formula: maximum 1/4 marks (for standard form) </div> <div style="border: 1px solid black; padding: 5px;"> Note: If an error in subs and gets: $\frac{4 \pm \sqrt{-80}}{6}$ and states "no solution": maximum 3/4 marks If doesn't conclude with "no solution": maximum 2/4 marks </div>	<div style="display: flex; justify-content: space-between;"> <div> ✓ standard form ✓ substitution into correct formula ✓ $\sqrt{112}$ ✓ $\frac{4 \pm \sqrt{112}}{6}$ or decimal answer </div> <div>(4)</div> </div>

Maths Memorandum Grade 2014 Pterm 4

S Baum



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Handbook of Research on Teacher Practices for Diverse Writing Instruction Hodges, Tracey S.,2022-05-20 The art and practice of writing is complex and multidimensional students often apply unique writing styles As such educators must apply focused teaching methods to nurture these unique forms of writing Educators must stay up to date with the practices for diverse writing instruction in order to best engage with a diverse classroom However resources related to writing typically do not focus on the depth and breadth of writing and there is a need for a resource that offers a comprehensive look at diverse writing instruction research The Handbook of Research on Teacher Practices for Diverse Writing Instruction provides a rich discussion of the issues perspectives and methods for writing instruction currently in use with an added lens focusing on diversity and equity It provides unique coverage on the topic of writing instruction for practical implementation within the classroom setting Covering topics such as student motivation curriculum development and content area instruction this major reference work is an essential resource for preservice teachers faculty and administration of K 12 and higher education academic libraries government officials school boards researchers and academicians

Confronting Oppressive Assessments Walter S. Polka,John William McKenna,2016-09-14 This book is about doing what s right for public education in the United States in this age of intensive curriculum convergence planned instructional standardization and oppressive accountability procedures Information is presented about why and how educators parents students community members and policy makers have decided to protest against current state and federal educational policies and procedures The practical experiences of parents teachers principals school superintendents school board members and professors are analyzed in chapters of this book Their first hand experiences with the various components of the current reform movement are poignantly presented Through their voices the frustrations with the serious flaws associated with this reform agenda are passionately and logically articulated They comprehensively explain their personal and professional motivations for organizing and fomenting a rethinking in school reform implementation procedures and they advocate their smarter approach to school reforms in our country The book includes key references that elucidate the need to seriously re think the directions and strategies of contemporary schooling in order to maintain enlightened creative instruction based on exciting student centered curriculum experiences and professional educational judgments

The Complete Book of Colleges, 2017 Edition Princeton Review,2016-07 The MEGA GUIDE to 1 355 COLLEGES AND UNIVERSITIES No one knows colleges better than The Princeton Review Inside The Complete Book of Colleges 2017 Edition you ll find meticulously researched information that will help you narrow the search for the best college for you Each of the 1 355 user friendly profiles answers your questions including How much are tuition and other student fees and costs What types of financial aid are available and when are the applications due What do admissions officers most look for in test scores and recommendations Which majors are the most popular and have the highest enrollment What is the housing like and how

accessible is technology on campus What are the key campus organizations athletics and student activities How selective is the school Plus Indexes based on cost selectivity and size that will help you narrow your search Get a leg up on your college search with this easy to use comprehensive and savvy guidebook from the experts at The Princeton Review **Monthly Labor Review** ,2013 Publishes in depth articles on labor subjects current labor statistics information about current labor contracts and book reviews *The Meritocracy Trap* Daniel Markovits,2020-09-08 A revolutionary new argument from eminent Yale Law professor Daniel Markovits attacking the false promise of meritocracy It is an axiom of American life that advantage should be earned through ability and effort Even as the country divides itself at every turn the meritocratic ideal that social and economic rewards should follow achievement rather than breeding reigns supreme Both Democrats and Republicans insistently repeat meritocratic notions Meritocracy cuts to the heart of who we are It sustains the American dream But what if both up and down the social ladder meritocracy is a sham Today meritocracy has become exactly what it was conceived to resist a mechanism for the concentration and dynastic transmission of wealth and privilege across generations Upward mobility has become a fantasy and the embattled middle classes are now more likely to sink into the working poor than to rise into the professional elite At the same time meritocracy now ensnares even those who manage to claw their way to the top requiring rich adults to work with crushing intensity exploiting their expensive educations in order to extract a return All this is not the result of deviations or retreats from meritocracy but rather stems directly from meritocracy s successes This is the radical argument that Daniel Markovits prosecutes with rare force Markovits is well placed to expose the sham of meritocracy Having spent his life at elite universities he knows from the inside the corrosive system we are trapped within Markovits also knows that if we understand that meritocratic inequality produces near universal harm we can cure it When *The Meritocracy Trap* reveals the inner workings of the meritocratic machine it also illuminates the first steps outward towards a new world that might once again afford dignity and prosperity to the American people Forthcoming Books Rose Arny,1997 **Curriculum 2014** Lizzie Marsland,2015 **Project Mathematics** Arthur H. Trewin,1973 **Mastering Math Grade 4** Eisemann,2025-08 **Zearn Math Grade 4 Course Guide** Zearn,2022-10 Learnixx Workbook Grade 4 Term 2 Mathematical Reasoning Sibashis Nanda,2021-03-31 Learnixx Workbook Grade 4 Term 2 Mathematical Reasoning Houghton Mifflin Math Mathematics: Grade 4 ,1995 **Scott Foresman-Addison Wesley Math** Scott, Foresman and Company,Addison-Wesley Publishing Company,1998 *Scott Foresman - Addison Wesley Mathematics* ,2006

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school parents etc and super heroing has never been easy but when the rhino and a cadre of mysterious criminals start plaguing brooklyn things take a dark turn and miles doesn't even know the half of it yet

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web hint layout tab page setup group margins button custom margins make changes click ok 9 at the end of the bulleted word pictures insert a page break hint insert your cursor insert tab pages group page break button 10 select the bottom two paragraphs of text on the second page 11

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document will print on a piece of paper portrait orientation prints the document vertically