

## MATHEMATICS GRADE 9 FORMAL ASSESSMENT TASK (FAT) 3.1: PROJECT

Total: 60 Marks

Time: 1 period

### MEMORANDUM

#### Important Information

- This is a marking guideline. In instances where learners have used different but mathematically sound strategies to solve the problems, they (learners) should be credited.
- Unless otherwise stated, learners who give a correct answer only, should be awarded full marks.
- Underline errors committed by learners and apply Consistent Accuracy (CA) marking.

#### Question 1:

1.1 Area triangle:  $\text{Area} = \frac{1}{2}bh$  (3)

$$= \frac{1}{2} \times 32 \times 20 \text{ mm} \checkmark$$

$$= 320 \checkmark \text{mm}^2 \checkmark$$

1.2 Area Circle:  $\text{Area} = \pi r^2$   
(3)

$$= 3,142 \times 9^2 \checkmark \text{mm}$$

$$= 254,5 \checkmark \text{mm}^2 \checkmark$$

1.3 Area Rectangle:  $\text{Area} = l \times b$  (3)

$$= 15 \times 13 \text{ mm} \checkmark$$

$$= 195 \checkmark \text{mm}^2 \checkmark$$

1.4 Area of triangle is largest  $\checkmark$  (1)

# Grade 9 Term Assessment Memorandum Maths

**Michael Seilmaier**



## **Grade 9 Term Assessment Memorandum Maths:**

**Mathematics for Grades VII, VIII, and IX.** Saint Louis (Mo.). Board of Education,1926      *Resources in Education* ,1998      **Research in Education** ,1974      The State of the Black Family Robert Cherry,2023-03-07 Too many Black Americans live in neighborhoods that are filled with gun violence dysfunctional and abusive families and children with deficient academic and behavioral skills Instead of engaging in an open minded search for solutions too many pundits and politicians are content to point their fingers at systemic racism while dismissing individual effort and traditional measures of merit as part and parcel of a system that is irredeemably broken In The State of the Black Family the economist Robert Cherry presents a blueprint for a robust set of policies that can break the cycle of intergenerational poverty and move these families forward by providing direct family support practical educational approaches housing policies to reinvigorate neighborhoods and on ramps to higher paying jobs an approach that enjoyed a broad consensus before leftwing social justice themes hijacked the conversation      Teaching and Learning with Technology Judy Lever-Duffy,Jean B. McDonald,2008 Written by teachers for teachers this text offers a clear and current look at the range of educational technologies and how teachers can effectively use technology to enhance learning Written by Teachers for Teachers this text provides readers with a clear understanding of educational media and how it can be used effectively to enhance learning The text explores the current and emerging technologies and multimedia available to teachers while consistently maintaining an instructional focus Pre service and in service teachers      *Massachusetts reports* ,2003      **Improving the Literary Skills of Children and Young Adults** United States. Congress. House. Committee on Education and Labor. Subcommittee on Early Childhood, Elementary, and Secondary Education,2010      *Resources in Education* ,1997      *Contemporary Intellectual Assessment* Dawn P. Flanagan,Erin M. McDonough,2022-12-05 In one volume this authoritative reference presents a current comprehensive overview of intellectual and cognitive assessment with a focus on practical applications Leaders in the field describe major theories of intelligence and provide the knowledge needed to use the latest measures of cognitive abilities with individuals of all ages from toddlers to adults Evidence based approaches to test interpretation and their relevance for intervention are described The book addresses critical issues in assessing particular populations including culturally and linguistically diverse students gifted students and those with learning difficulties and disabilities in today s educational settings      **An Age of Accountability** John L. Rury,2023-10-13 An Age of Accountability highlights the role of test based accountability as a policy framework in American education from 1970 to 2020 For more than half a century the quest to hold schools and educators accountable for academic achievement has relied almost exclusively on standardized assessment The theory of change embedded in almost all test based accountability programs held that assessment with stipulated consequences could lead to major improvements in schools This was accomplished politically by proclaiming lofty goals of attaining universal proficiency and closing achievement gaps which repeatedly failed to materialize But even after very clear

disappointments no other policy framework has emerged to challenge its hegemony The American public today has little confidence in institutions to improve the quality of goods and services they provide especially in the public sector As a consequence many Americans continue to believe that accountability remains a vital necessity even if educators and policy scholars disagree

**Energy Research Abstracts** ,1987      **China's Industrial, Investment, and Exchange Rate Policies** U.S.-China Economic and Security Review Commission,2003      *Understanding and Applying Assessment in Education* Damian Murchan,Gerry Shiel,2024-04-09 All teachers are responsible for assessing the children they teach and the outcomes of any assessment are important for individual learners schools and wider education systems Designed as a pragmatic guide for new teachers and those training to teach this book is your one stop shop for understanding assessment in schools It covers formative and summative approaches used across primary and secondary education supporting a balanced overview with policy examples drawn from the UK Ireland and wider international contexts This updated second edition reflects recent trends in assessment and includes more balanced coverage across primary and secondary age phases with a broader range of examples across curriculum subject areas a new chapter on the potential of digital assessment for both formative and summative purposes the impact of the COVID 19 pandemic on assessment in general and examinations in particular Damian Murchan is Associate Professor in the School of Education at Trinity College Dublin Gerry Shiel is a Research Fellow at the Educational Research Centre Dublin Ireland

**Monthly Catalog of United States Government Publications** ,1992      The Equity Risk Premium William N. Goetzmann,Roger G. Ibbotson,2006-11-16 What is the return to investing in the stock market Can we predict future stock market returns How have equities performed over the last two centuries The authors in this volume are among the leading researchers in the study of these questions This book draws upon their research on the stock market over the past two dozen years It contains their major research articles on the equity risk premium and new contributions on measuring forecasting and timing stock market returns together with new interpretive essays that explore critical issues and new research on the topic of stock market investing This book is aimed at all readers interested in understanding the empirical basis for the equity risk premium Through the analysis and interpretation of two scholars whose research contributions have been key factors in the modern debate over stock market performance this volume engages the reader in many of the key issues of importance to investors How large is the premium Is history a reliable guide to predict future equity returns Does the equity and cash flows of the market Are global equity markets different from those in the United States Do emerging markets offer higher or lower equity risk premia The authors use the historical performance of the world s stock markets to address these issues

School ,1928      Iron & Coal Trades Review ,1924 Vol 115 includes Diamond jubilee issue 1867 1927      **Beijing Review** ,2006      *The Science of the Obvious* R. Barker Bausell,2017-09-11 This book poses and ultimately answers the question of whether the public schools would have been affected if no educational research had been conducted during this century To answer this question 12 genres of educational

research are evaluated The genres are accompanied by non technical annotated synopses examples of each A case is made that the science of education as a whole is repetitive non cumulative and is characterized by a circular rather than a linear trajectory New York Review of the Telegraph and Telephone and Electrical Journal ,1904

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