MapleMind

File 2
Practice exam

Manitoba | Grade 12

Grade 12 Pre-Calculus Mathematics Achievement Test

Practice set 1 Student booklet

In this practice exam · 3 hours in all

1	**Booklet 1: Constructed response**	15 questions
2	**Booklet 2: Selected response**	9 questions
3	**Booklet 2: Constructed response**	20 questions

Before you start

- You have 3 hours to finish.
- You may take 30 more minutes.
- Use a calculator only in the parts that allow one.
- Mark each multiple-choice answer on the answer sheet at the back.
- Use the reference pages whenever you need them.
- In the written questions, show your work.

Your initials or class number
Not your student number

_____



Finished? Ask an adult to photograph your pages.
MapleMind marks them and shows what to practise next.

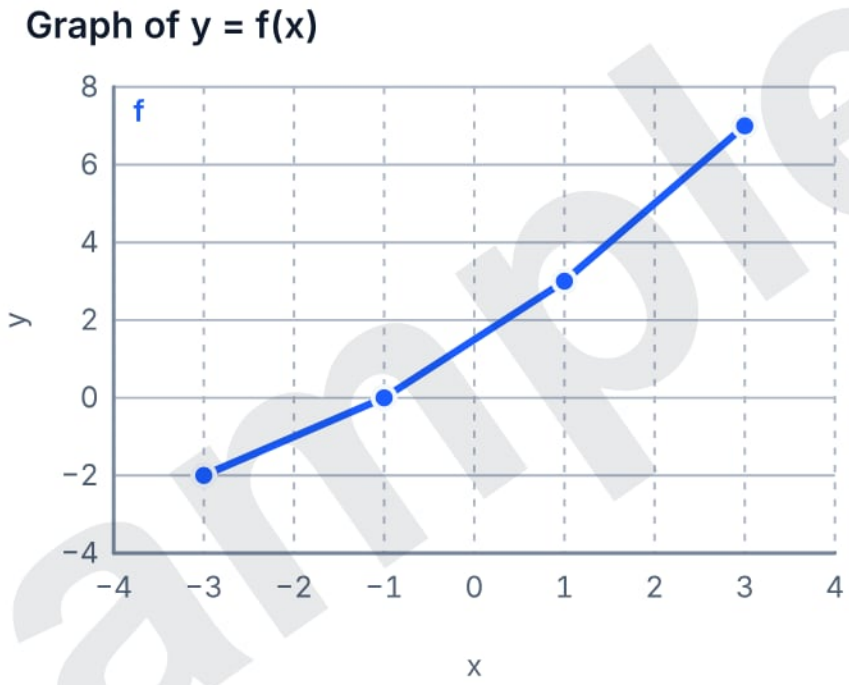
Sample

Booklet 1: Constructed response

Questions 1 to 15

1 The line graph shows part of the graph of $y = f(x)$. Sketch its reflections in the x-axis, the y-axis, and the line $y = x$.

Show the coordinate rule for each reflection. Write the equation of each reflected graph using f.



Show your work

Sample

Answer key

Practice set 1. Add up the marks on the score sheet, page 23.

A question with several parts earns its mark only when every part is right.

Booklet 1: Constructed response

60 marks

No.	Answer	Mark	What it tests	Page
1	[illegible]	6	Transformations of Functions	2
2	[illegible]	6	Transformations of Functions	4
3	[illegible]	4	Trigonometric Functions	5
4	[illegible]	1	Trigonometric Functions	6
5	[illegible]	4	Binomial Theorem	7

Sample

Question 1: worked answer and marks

6 marks

Sample

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File 1
Start here

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The guide for students and adults

For the student

What to expect	Page 2
Your skills	Page 3
Your study plan	Page 6
How to study	Page 7
Your progress	Page 8
Exam day	Page 9

For the adult

How to print it, run it and mark it	Page 10
Answer keys Keep these files away from the student.	File 3

In your download

File 1	Start here (this guide)	**File 2**	Practice exam, Set 1
File 3	Answer key, Set 1	**File 4**	Reference sheet
Study plan	To your exam date, when you gave one	**Code list**	Who has each copy, for a class

Sample