



EXAMINATIONS COUNCIL OF SWAZILAND
Swaziland Primary Certificate Examination

CONFIDENTIAL
November 2018

MARK SCHEME

MATHS PAPER 1

MAXIMUM MARK

[100]

This document consists of 7 printed pages.

SECTION A

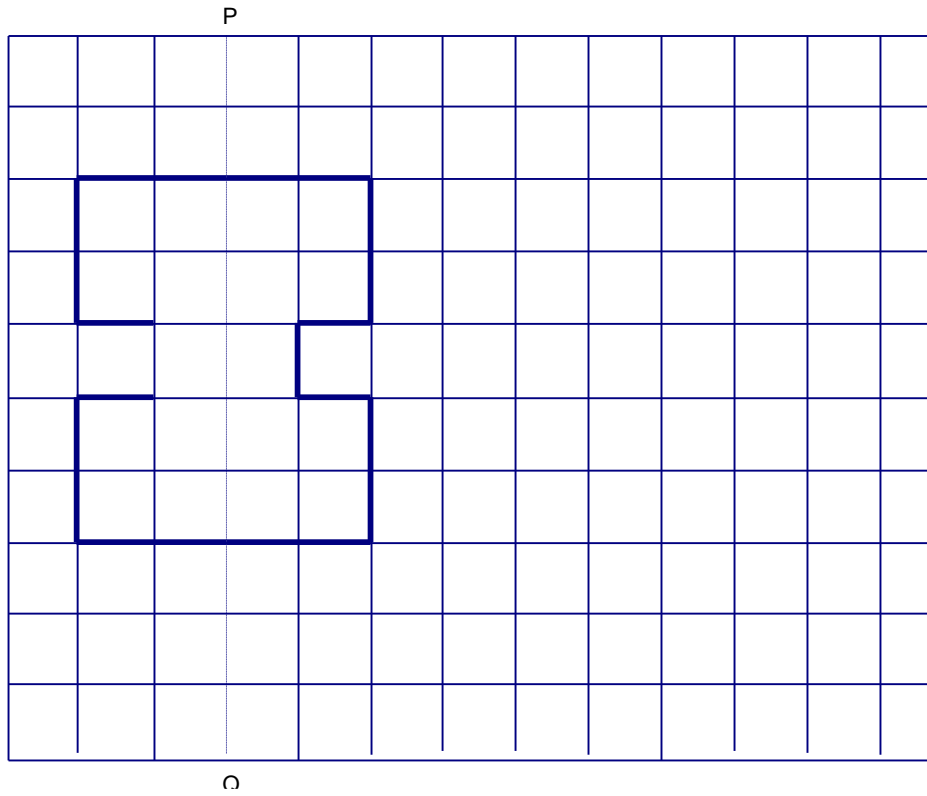
QUESTION	ANSWER	MARKS
1	B	[2]
2	C	[2]
3	C	[2]
4	D	[2]
5	A	[2]
6	C	[2]
7	C	[2]
8	B	[2]
9	B	[2]
10	C	[2]
11	D	[2]
12	B	[2]
13	B	[2]
14	D	[2]
15	B	[2]
16	C	[2]
17	D	[2]
18	B	[2]
19	C	[2]
20	C	[2]
Total		40

SECTION B

Que	Answer	Marks
21	<p>(a) $\begin{array}{r} 2357 \\ +4078 \\ \hline 6435 \end{array}$</p> <p>(b) $\begin{array}{r} 4.731 \\ -0.02 \\ \hline 4.711 \end{array}$</p> <p>(c) $97.35 \div 1000 \\ = \underline{0.09735}$</p> <p>(d) $\frac{1}{9} \times \frac{2}{3} \\ = \frac{2}{27}$</p>	<p>2</p> <p>3</p> <p>3</p> <p>2</p> <p>[10]</p>
22	$12 + 24 - 3 = 33$	<p>2</p> <p>[2]</p>
23	<p>(a) (i) 4 sides</p> <p>(ii) 2 angles</p> <p>(b) $3 \times 10 \text{ cm}$ $= 30\text{cm}$</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>[4]</p>

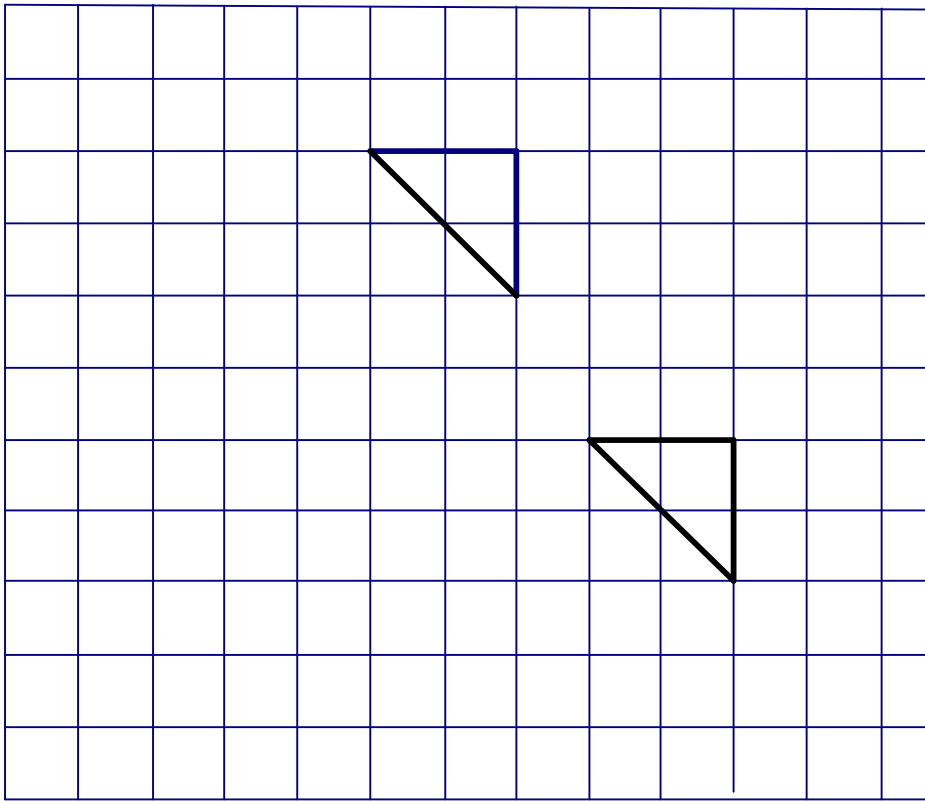
24	<p>(a) 4 022 011</p> <p>(b) 3.05, 0.53, 0.503, $\frac{2}{5}$, 0.0503</p> <p>(c) 3 years = $3 \times 12 = 36$ months</p> $= \frac{9}{36}$ $= \frac{1}{4}$	<p>2</p> <p>2</p> <p>1</p> <p>1</p> <p>1</p> <p>[7]</p>
25	<p>(a) E138 – E125 = E13</p> <p>(b) $\frac{2}{100} \times E2550$ = E51.00 Total savings: E2550 + E51 = E2601</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>[6]</p>
26	<p>Size of angle ACD = $180^\circ - 106^\circ$ = 74° Angle CAD = $180^\circ - (60^\circ + 74^\circ)$ = $180^\circ - 134^\circ$ = 46°</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>[4]</p>
27	(a) 7×8	1

	$= 56 + 2$ $= 58$ Chocolates (b) 7, 14, 21, 28, 35, 42, 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, Zodwa's age = $35 + 1 = 36$	1 1 2 1	[6]								
28	(a) $5^{\text{th}} \frac{\quad}{12m}$ $6^{\text{th}} \frac{\quad}{12m}$ $7^{\text{th}} \frac{\quad}{12m}$ $8^{\text{th}} \frac{\quad}{12m}$ $9^{\text{th}} \frac{\quad}{12m}$ $= 12m \times 4$ $= 48m$ (b) $\frac{1}{6} \times \frac{9}{10}$ $= \frac{9}{60}$ $= \frac{3}{20}$ (c) <table style="margin-left: 20px;"> <tr><td>Hrs</td><td>Min</td></tr> <tr><td>9</td><td>05</td></tr> <tr><td>-2</td><td>25</td></tr> <tr><td><u>6</u></td><td><u>40</u></td></tr> </table> Movie started at 6.40 a.m.	Hrs	Min	9	05	-2	25	<u>6</u>	<u>40</u>	2 1 1 1 1 2	[9]
Hrs	Min										
9	05										
-2	25										
<u>6</u>	<u>40</u>										
29	(a) (i) $18 - 3$ $= 15$ (ii) $3 + 9 + 18$ $= 30$ (b) 22, 24, 26, 28, 30, 32 $= \frac{26 + 28}{2} = 27$	2 1 2 1 1 1	[8]								
30(a)											



2
1 for 5 – 6 correct vertices.

30(b)



2

1 for 2 correct vertices.