



EXAMINATIONS COUNCIL OF ESWATINI

Eswatini Primary Certificate Examination

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MATHEMATICS

Mark Scheme

Specimen

Paper 2

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**212/02**

for examination from 2025 - 2027

***Confidential***

**MARK SCHEME**

**212/02**

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This document consists of **6** printed pages.

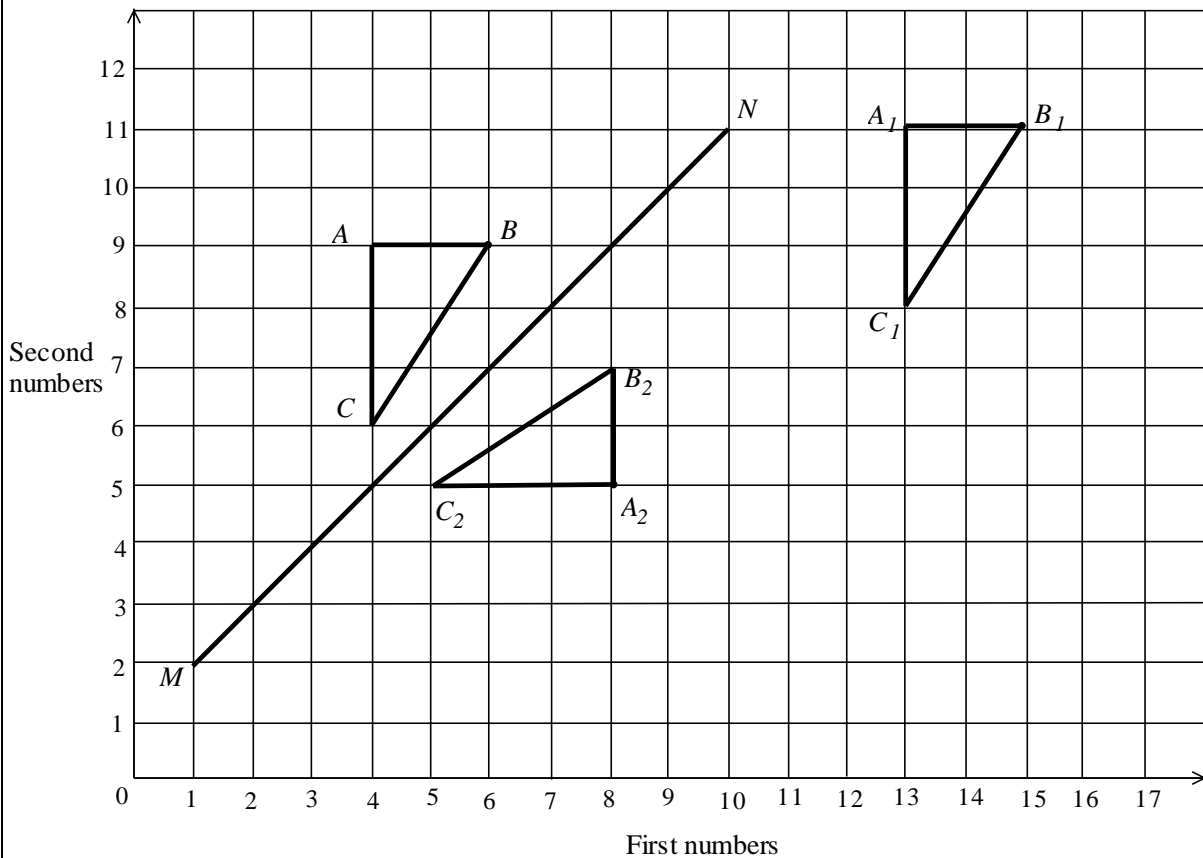
Question	Answer	Marks	Comments
1	(a)(i) 8 095 000 (ii) $\frac{317}{1000}$ (iii) 800 000 + 60 000 + 7 000 + 0 + 30 + 5 (b) hundredths/h (c) 5 863 711 – 100 000 = 5 763 711	<b>B1</b> <b>B1</b> <b>B1</b> <b>B1</b> <b>M1</b> <b>A1</b>  <b>[6]</b>	    Award <b>B2</b> for 5 763 711
2	(a) 80 (b) 2 595 (c) $\begin{array}{r} 5\ 687 \\ \times 136 \\ \hline 34122 \\ 170610 \\ +568700 \\ \hline 773432 \end{array}$	<b>B2</b> <b>B2</b>  <b>M2</b>  <b>A1</b>  <b>[7]</b>	Award <b>B1</b> for $\frac{400}{5}$ Minus 1 for each wrong or missing digit.  All partial products correct <b>M1</b> for any 2 correct partial products
3	(a) 17:15 – 16:30 <b>oe</b> = 45 minutes (b) 6. 45 p.m.	<b>M1</b> <b>A1</b>  <b>B2</b>  <b>[4]</b>	Allow <b>B2</b> for 45 minutes  <b>B1</b> for 6.45
4	(a) $\frac{12}{30}$ (b) $\frac{9}{10} \div 6$  $= \frac{9}{10} \times \frac{1}{6}$  $= \frac{3}{20}$ (c) 6 3	<b>B1</b>  <b>M1</b>  <b>M1</b>  <b>A1</b>	

	$\begin{array}{r} \times 72 \\ 126 \\ + 4410 \\ \hline 4536 \\ \\ = 45.36 \end{array}$	<b>M1</b>  <b>M1</b>  <b>A1</b> <b>[7]</b>	For both partial products  For 4 536
<b>5</b>	<p>(a) 9 cm <math>\pm</math> 0.1cm line segment Line segment labelled <i>PQ</i></p> <p>(b) (i) Angle <i>QPS</i> = 60° <math>\pm</math> 1° Labelling correctly <i>PS</i> = 7 cm <math>\pm</math> 0.1 cm</p> <p>(iI) Angle <i>PQR</i> = 90° <math>\pm</math> 1° Labelling correctly <i>QR</i> = 6cm <math>\pm</math> 0.1 cm</p> <p>(c) Joining <i>S</i> and <i>R</i> to form quadrilateral <i>PQRS</i></p> <p>(d) Angle <i>PSR</i> = 120° <math>\pm</math> 1°</p> <p>(e) Trapezium</p>	<b>B1</b> <b>B1</b>  <b>B1</b> <b>B1</b> <b>B1</b>  <b>B1</b> <b>B1</b> <b>B1</b>  <b>B1</b>  <b>B2</b>  <b>B1</b> <b>[12]</b>	Award B1 for Angle <i>PSR</i> = 120° $\pm$ 2°
<b>6</b>	<p>(a) 180 – 140 = 40°</p> <p>(b) 360 – (110+ <i>their</i> 40 + 90) <b>oe</b> 360 – 240 = 120°</p>	<b>M1</b> <b>A1</b>  <b>M1 ft</b> <b>M1</b> <b>A1</b> <b>[5]</b>	Allow <b>B2</b> for 40°
<b>7</b>	<p>(a)(i) <math>\frac{40}{100} \times 270</math> <b>oe</b>  = 108</p> <p>(ii) 270 + <i>their</i> 108 = 378</p> <p>(b) 48 397 + 6 985 = 55 382</p>	<b>M1</b>  <b>A1</b>  <b>M1ft</b> <b>A1</b>  <b>M1</b> <b>A1</b> <b>[6]</b>	For aligning
<b>8</b>	<p>(a) 125 + 15 = (E) 140</p> <p>(b) June</p>	<b>M1</b> <b>A1</b>  <b>B2</b>	Allow <b>B2</b> for 140  <b>B1</b> Attempt to extend pattern beyond April



<p><b>12</b></p>	<p>(a) (i) Correct labelled circle</p> <p>(ii) Many lines</p> <p>(b) (i) <math>QR</math> and <math>SO</math> (Accept short lines)</p> <p>(ii) <math>SO</math> or <math>QR</math> (Accept short lines)</p> <p>(iii) Angle <math>RNO</math> or Angle <math>MNQ</math> or Angle <math>TNO</math>, Angle <math>NOT</math></p> <p>(iv) Right-angled triangle</p>	<p><b>B2</b></p> <p><b>B1</b></p> <p><b>B1 for any 1</b></p> <p><b>B1</b></p> <p><b>B1 for any 1</b></p> <p><b>B1</b></p> <p>[7]</p>	<p><math>r = 3</math> cm <b>B1</b></p>									
<p><b>13</b></p>	<p>(a) <math>3000 \div 500</math> <i>oe</i> = 6</p> <p>(b) <math>9 \times 13.75</math> <i>oe</i> = 123.75</p> <p><math>123.75 + 19</math> = 142.75</p>	<p><b>M2</b></p> <p><b>A1</b></p> <p><b>M1</b></p> <p><b>M1</b></p> <p><b>A1</b></p> <p>[6]</p>	<p><b>M1</b> for 3000</p>									
<p><b>14</b></p>	<p><math>7 \times 5 + 3 \times 3</math> <i>oe</i></p> <p>44</p>	<p><b>M2</b></p> <p><b>A1</b></p> <p>[3]</p>	<p><math>7 \times 5</math> or <math>3 \times 3</math> <b>M1</b></p>									
<p><b>15</b></p>	<p>(a)</p> <table border="1" data-bbox="437 1256 724 1397"> <tbody> <tr> <td>10</td> <td><b>5</b></td> <td><b>18</b></td> </tr> <tr> <td><b>19</b></td> <td>11</td> <td><b>3</b></td> </tr> <tr> <td>4</td> <td><b>17</b></td> <td>12</td> </tr> </tbody> </table> <p>(b) 32 females +19 males</p> <p>Total = 51</p>	10	<b>5</b>	<b>18</b>	<b>19</b>	11	<b>3</b>	4	<b>17</b>	12	<p><b>B3</b></p> <p><b>M2</b></p> <p><b>A1</b></p> <p>[6]</p>	<p><b>B2</b> – 4 correct entries <b>B1</b> – 3 correct entries</p> <p>Award <b>M1</b> for 19 +13</p>
10	<b>5</b>	<b>18</b>										
<b>19</b>	11	<b>3</b>										
4	<b>17</b>	12										

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- (a) Translation **B1 9** right **B1 2** up **B1**
- (b) Correct reflection and label **B3**  
 Correct reflection without label **B2**  
 Correct reflection and label but without recognising mirror line **B1**
- (c) (i) **B1** for plotting the points  $M$  and  $N$   
 (ii) **B1** for joining to form a straight line  $MN$ .
- (d) Triangle  $A_3B_3C_3$  has the coordinates  $A_3(16, 8)$ ,  $B_3(16, 6)$  and  $C_3(13, 8)$   
 Correct rotation and label **B3**  
 Correct rotation without label **B2**  
 Correct rotation without recognising centre **B1**

[11]