<table>
<tr><td>5</td><td>For example,<table><tr><th>n</th><th>E</th></tr><tr><td>1</td><td>7</td></tr><tr><td>2</td><td>11</td></tr><tr><td>3</td><td>17</td></tr><tr><td>4</td><td>25</td></tr><tr><td>5</td><td>35</td></tr></table></td><td>No + reason</td><td>2</td><td>M1</td><td>for evaluating E correctly for any value of n</td></tr>
<tr><td></td><td></td><td></td><td></td><td>A1</td><td>for No with E evaluated correctly as a non-prime number</td></tr>
<tr><td></td><td></td><td></td><td></td><td colspan="2">Total 2 marks</td></tr>
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<table>
<tr><td>6</td><td>Angle EBG = 180 – 2 × 65 (= 50) or
Angle ABE = 180 − (38 + 65) (= 77)</td><td>27</td><td>3</td><td>M1</td><td></td></tr>
<tr><td></td><td>Angle ABE = 180 − (38 + 65) (= 77) and
Angle ABG = “77” – “50”</td><td></td><td></td><td>M1</td><td>for a complete method to find angle ABG</td></tr>
<tr><td></td><td></td><td></td><td></td><td>A1</td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td colspan="2">Total 3 marks</td></tr>
<tr><td></td><td>Alternative scheme 1</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td>Angle EBG = 180 – 2 × 65 (= 50) or
Angle EBC = 103</td><td>27</td><td>3</td><td>M1</td><td></td></tr>
<tr><td></td><td>Angle EBC = 103 and
Angle ABG = 180 – (103 + ”50”)</td><td></td><td></td><td>M1</td><td>for a complete method to find angle ABG</td></tr>
<tr><td></td><td></td><td></td><td></td><td>A1</td><td></td></tr>
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