|  |  |
| --- | --- |
| EGC_Black | EASTERN GOLDFIELDS COLLEGE  Year 11 MATHEMATICS APPLICATIONS 2015  Investigation 2  **TAKE HOME - ANSWERS** |

**Part A – 5 marks**

Write your answers to part A here:



1.

2.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 122 | 63 | 95 | 54 | 85 | 59 | 65 | 51 | 78 | 103 | 59 | 82 |

3.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | 9 | 14 | 27 | 4 | 5 | 11 | 24 | 24 | 22 | 5 | 1 |

4.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N | I | N | - | D | E | K | X | X | V | E | A |

5.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | -18 | 14 | 81 | -7 | -19 | 32 | 81 | 19 | 21 | -52 | -62 |
| 27 | 9 | 14 | 27 | 20 | 8 | 5 | 27 | 19 | 21 | 2 | 19 |
| - | I | N | - | T | H | E | - | S | U | B | S |