

M1. $(7^2 - 7 \times 5) = 14$

B3 for 5 correct entries

$(9^2 - 9 \times 7) = 18$

B2 for 3 or 4 correct entries

$12^2 - 12 \times 10 = 24$

B1 for 1 or 2 correct entries

B4

[4]

M2. (a) 51, 54, 59

B1 for two terms correct

B2

(b) $n^2 + 50 < 100$ or $n^2 < 50$

oe Allow $n^2 = 50$

M1

7

A1

Alternative method 1

$(51, 54, 59) 66, 75, 86, 99 (114)$

At least one correct and in correct position

M1

7

Provided no errors

A1

Alternative method 2

Sight of correct differences added to their 59

eg their $59 + 7 + 9 + 11 + 13$

Must reach 100

M1

7

Provided no errors

A1

[4]