Section B

8.   625, 375, 250 and 125 once   W3   W2 3 (from 4) correct
                                                 OR W1 2 correct
                                                 OR M1 SF 2.5 or 20/8 seen
                                     {3}

9.   6.76   W2   W1 6.75(......) or 6.760 or 6.8
                                        {2}

10. (a) 160 to 167   W2   M1 $\underline{13}$ (×500) or W1 333 to 340
                                                    40

       (b) 1.88 or 1.9 or 1min 53   W4   1   0.5, 1.5, 2.5, 3.5 seen
                                          and M1 15 × 0.5 + 18 × 1.5 + ...
                                               (accept consistent inc. mid-pts)
                                               and M1 their 122.5 ÷ their 65 dept. on

M1

                                               SC3 2.38 / 2.4 / 2m23 / 1.38 / 1.4 / 1m23
                                       {6}

11. 48.(....) or 49   W3   M1 $100^2 + 72^2$ or 10000 + 5184
                                         OR M2 123.(...)
                                       {3}

12. -2,-1, 0, 1, 2, 3, 4   W3   M1 $n \le 4$ or -3<n
                                         Or W2 inclusion of -3/omission of 4
                                         Or W1 4 correct integers or
                                               −3 and 4 seen
                                       {3}

13. 46 - 47mph   W3   M1 15 or 30 mins (0.25/0.5/ ¼ / ½)
                                         and M1 35 ÷ their ¾hour
                                       {3}

14. (a) 12, 72   W2   W1 either 12 or 72

       (b) 6 points plotted in correct sq.   P1
           Smooth curve thru 6 pts   C1
       (c) 63 to 65 if C1 earnt   W1   or ft their curve
                                             {5}

                                             Section B   Total 25