Standard Form answers

0 min
0 marks

1. 3.62×10^{-3} c.a.o

[1]

2. 3.51×10^{-3}
B1 for figures 351 seen

[2]

3. (a) 5.78×10^{-3} 1

   (b) 0.0058   1
       Accept 5.8×10^{-3}

   (c) 0.01   1
       Accept 1×10^{-2}

[3]

4. (a) (i)   16 000   1

       (ii) 1.6×10^4 1 ft
            1.5583×10^4 gets 0.

   (b) 0.0037   2
       B1 for 0.004 or 0.00372 or 0.003718
       seen.
       SC1 final answer 0.00370(0)

[4]

5. $1.01(00) \times 10^4$

[1]

6.   (a) 6.56×10^{-3} 1

    (b)   0.0066   1
             Accept 6.6×10^{-3}

    (c)   0.01   1
             Accept 1×10^{-2}

[3]

7.   (a)   Panama, (Guyana),
            Colombia, Brazil   1
            allow figures if correct

    (b)   5   2
            M1 for $(1.14 \times 10^6) \div (2.15 \times 10^5)$
            implied by figs 53(0......)

[3]

8.   (a)   0.00193(4....)
            or $1.93(4...) \times 10^{-3}$ 1

    (b) 7.63×10^{-2} 1 c.a.o.

[2]