1.18 (a) $8000 \times 0.09819 \times 0.98$ *(M1)(M1)*

> **Note:** Award *(M1)* for multiplying 8000 by 0.09819, *(M1)* for multiplying by 0.98 (or equivalent).

769.81 (EUR)   *(A1)*   *(C3)*
[3 marks]

(b) $r\% \times \dfrac{85}{0.08753} = 14.57$ *(M1)(M1)*

> **Note:** Award *(M1)* for dividing 85 by 0.08753, and *(M1)* for multiplying their $\dfrac{85}{0.08753}$ by $r\%$ and equating to 14.57.

OR

$\dfrac{85}{0.08753} = 971.095\ldots$ *(M1)*

> **Note:** Award *(M1)* for dividing 85 by 0.08753.

$\dfrac{14.57}{9.71095\ldots}$ **OR** $\dfrac{14.57}{971.095\ldots} \times 100$ *(M1)*

> **Note:** Award *(M1)* for dividing 14.57 by 9.71095… or equivalent.

$r = 1.50$ $(1.50036\ldots)$ *(A1)*   *(C3)*
[3 marks]

Total [6 marks]