| | Question | | Answer | Marks | AO | Guidance |
|---|---|---|---|---|---|---|
| **4** | **(a)** | | $7p + 3p = 1$ **oe** | **M1** | **1.2** | must see some reasoning; allow explanation in words |
| | | | $p = 0.1$ or $\frac{1}{10}$ **isw cao** | **A1** | **1.1** | if unsupported, allow **SC1** for correct answer |
| | | | | **[2]** | | |
| **4** | **(b)** | | $0.7$ or $\frac{7}{10}$ | **B1FT** | **1.1** | their $7p$ |
| | | | | **[1]** | | |
| **4** | **(c)** | | B(30, *their* 0.3) seen or used | **M1** | **1.1** | **FT** their $3p$; allow **M1** for $(their\ 0.3)^2 \times (their\ 0.7)^{28}$ |
| | | | **awrt** 0.0018 **isw** | **A1** | **1.1** | not from wrong working; if unsupported, allow **SC1** for correct answer |
| | | | | **[2]** | | |