| Question | Answer | Marks | Guidance |
|---|---|---|---|
| (a) | $2[\{(x-2)^2\}\ \{+3\}]$ | **B1 B1** | B1 for $a = 2$, B1 for $b = 3$. <br> $2(x-2)^2 +6$ gains B1B0 |
| | | **2** | |
| (b) | {Translation} $\begin{pmatrix} \{2\} \\ \{3\} \end{pmatrix}$ OR {Stretch} {$y$ direction} {factor 2} | **B2,1,0** | B2 for fully correct, B1 with two elements correct. {} indicates different elements. |
| | {Stretch} {$y$ direction} {factor 2} OR {Translation} $\begin{pmatrix} \{2\} \\ \{6\} \end{pmatrix}$ | **B2,1,0** | B2 for fully correct, B1 with two elements correct. {} indicates different elements. |
| | | **4** | |