

| 6(a) | $\begin{gathered} P(40)=\frac{1}{6} \text { or } \frac{7}{36} \text { or } \frac{15}{75} \\ P(4)=0.167 \text { or } 0.194 \text { or } 0.2 \end{gathered}$ | [1] 1 Answer correct |
| :---: | :---: | :---: |
|  | $\begin{gathered} p(4)=\frac{1}{6} \text { or } \frac{7}{36} \text { or } \frac{15}{75} \\ p(4)=0.167 \text { or } 0.194 \text { or } 0.2 \end{gathered}$ | [1] Any combination of 2 out of the three |
| 6(b) | Mark | [1] |
|  | Largest number of trials | [1] Answer must reference number of trials, sample size., or size of data. |
| 7(a) | After 5 trails Thomas found $5 \times 0.4$ | [1] Calculation |
|  | $=2$ white marbles | [1] Answer |
| 7(b) | $0.43 \times 200$ | [1] Calculation |
|  | hence there will be 86 marbles in the bag. | [1] Answer between $80-100$ |

