

|      |   |   |    |    |    |       |        |            |
|------|---|---|----|----|----|-------|--------|------------|
| X    | 0 | 1 | 2  | 3  | 4  | 5     | 6      | 7          |
| P(X) | 0 | K | 2K | 2K | 3K | $K^2$ | $2K^2$ | $7K^2 + K$ |