

|             |                   |                  |                 |
|-------------|-------------------|------------------|-----------------|
| <b>X</b>    | <b>0</b>          | <b>1</b>         | <b>2</b>        |
| <b>P(X)</b> | $\frac{144}{169}$ | $\frac{24}{169}$ | $\frac{1}{169}$ |