

Solutions

Each answer shows the steps, then the **result**.

2.1

- $k - 1$

2.2

- a large difference between observed and expected counts (evidence against H_0)

2.3

- reject H_0 ($0.03 < 0.05$)

3.1 B

3.2 B

3.3

(a)

- 5

(b)

- reject H_0

(c)

- there is convincing evidence the die does not follow the claimed (fair) distribution