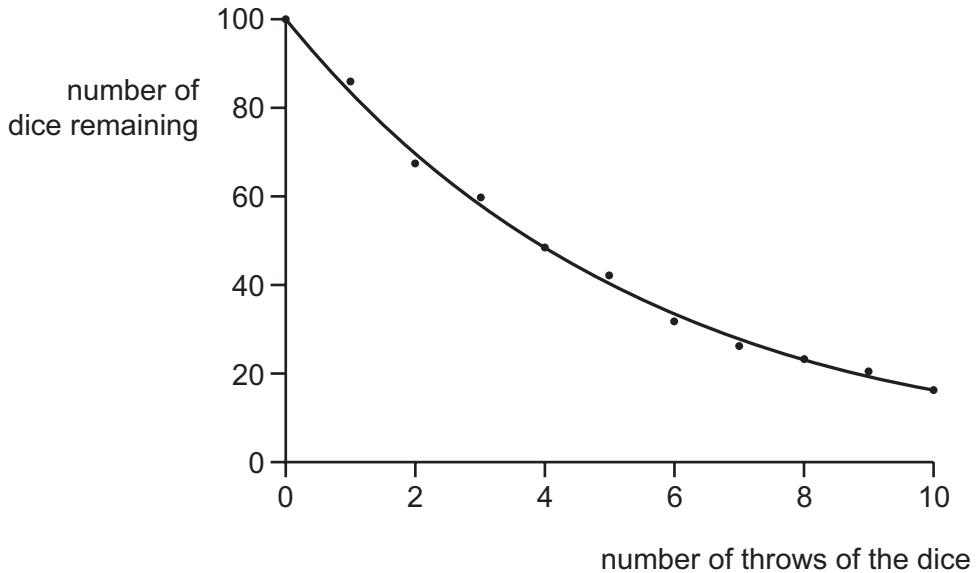


- 38** A class of students used dice to simulate radioactive decay. After each throw, those dice showing a '6' were removed. The graph shows the results.



What could the scatter of points about the best-fit curve represent for actual radioactive decay?

- A** background count not being taken into account
- B** more than one type of radiation being present
- C** the random nature of radioactive decay
- D** the spontaneous nature of radioactive decay

**Space for working**