

- 27** Which piece of evidence about the photoelectric effect cannot be explained using a wave model?
- A** Increasing the intensity of the illumination increases the rate at which electrons are ejected.
  - B** Shining ultraviolet radiation onto a zinc surface ejects electrons.
  - C** Increasing the frequency of the radiation increases the kinetic energy of the ejected electrons.
  - D** There is a minimum frequency of radiation below which no electrons are ejected from the metal surface despite increasing the intensity of radiation.