

**27** The stopping voltage when metal X is irradiated with light of wavelength  $\lambda$  and intensity  $I$  is  $V$ .

Which of the following is *most likely* the stopping voltage when metal X is irradiated with light of wavelength  $\lambda / 2$  and intensity  $I / 2$ ?

**A**  $< V$

**B**  $V$

**C**  $2V$

**D**  $> 2V$