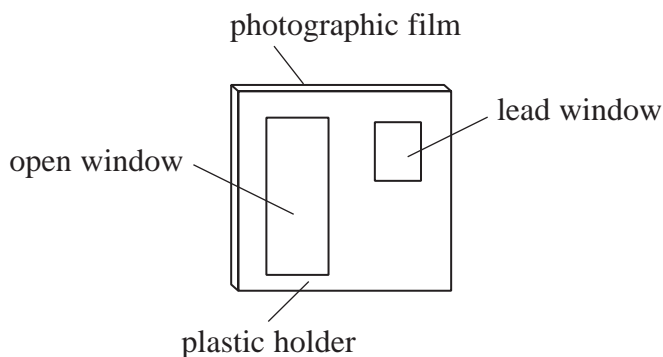
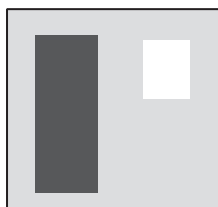


- 10** A radioactivity monitoring badge is worn by people who might be exposed to radiation. The badge is made from photographic film wrapped in thin paper and then held in a plastic holder that has an open window and a lead window, as shown.

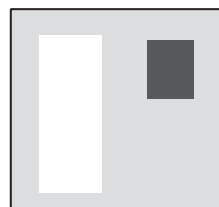


The film gets darker when exposed to ionising radiation.

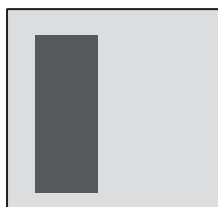
Which of the following represents the film after the badge is exposed to beta radiation?



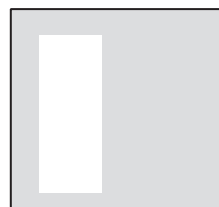
☐ **A**



☐ **B**



☐ **C**



☐ **D**

(Total for Question 10 = 1 mark)