

**27** A small charge  $q$  is placed in the electric field of a large charge  $Q$ .

Both charges experience a force  $F$ .

What is the electric field strength of the charge  $Q$  at the position of the charge  $q$ ?

A  $\frac{F}{Qq}$

B  $\frac{F}{Q}$

C  $FqQ$

D  $\frac{F}{q}$

**28** The diagram shows two parallel horizontal metal plates held at a potential difference  $V$ .