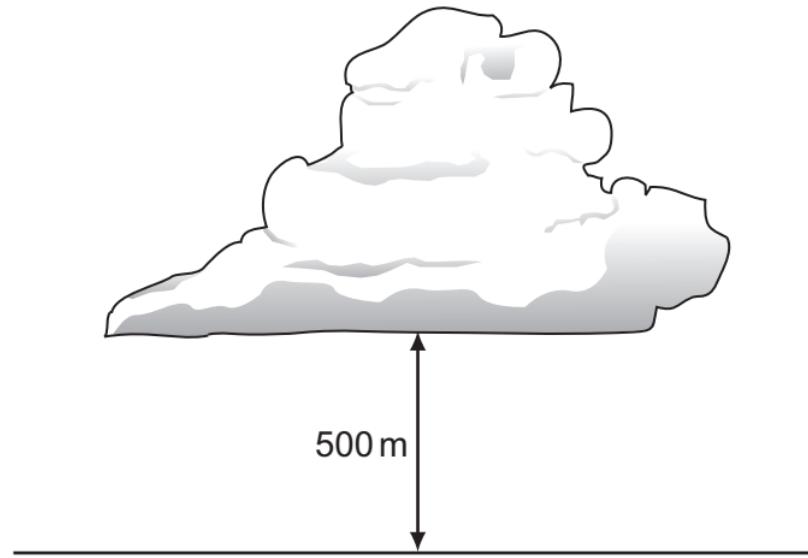


30 The diagram shows a thundercloud whose base is 500 m above the ground.



The potential difference between the base of the cloud and the ground is 200 MV. A raindrop with a charge of 4.0×10^{-12} C is in the region between the cloud and the ground.

What is the electrical force on the raindrop?

- A 1.6×10^{-6} N
- B 8.0×10^{-4} N
- C 1.6×10^{-3} N
- D 0.40 N