

$$b) E = \frac{V}{d}$$

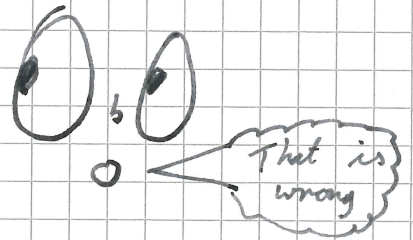
$$\therefore V = d \cdot E$$

$$\therefore \text{for } a < r_0$$

$$V = \frac{Q}{4\pi a \epsilon_0 \epsilon_r}$$

$$a > r_0$$

$$V = \frac{Q}{4\pi a \epsilon_0 \epsilon_r}$$



Cinnamon Whirls

If I were an earthworm, I'd have sex for three hours a day.

But I'm not.

I spend that time instead drinking coffee,
that costs four quid.

And it still tastes mid at best.

I don't drink for the taste,

it's for the friends I drink with,

but they aren't earthworms either.

- By Ronan Poets