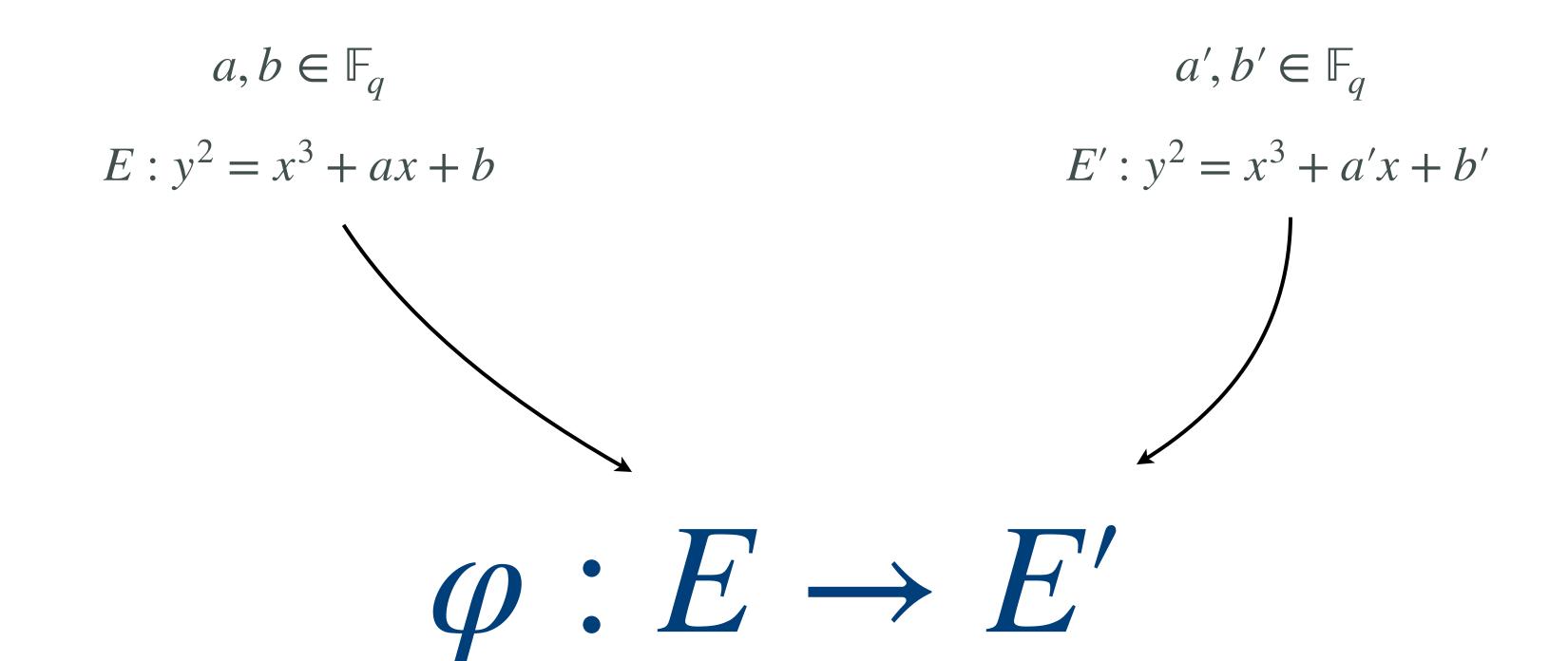
$$a,b\in\mathbb{F}_q$$
 $a',b'\in\mathbb{F}_q$ $E:y^2=x^3+ax+b'$ $E':y^2=x^3+a'x+b'$ $\varphi:E\to E'$



Definition 1 (sketch). An isogeny is a "nice" map between elliptic curves.

(it preserves the group structures we have on E and E')