

2(a)	<u>sketch:</u> line from $x = R$ to $x = 4R$ entirely in the negative ϕ region
	curve with continuously decreasing magnitude and with gradient of continuously decreasing magnitude, starting at $(R, \pm\phi)$
	line passing through $(2R, \pm\frac{1}{2}\phi)$ <u>and</u> $(4R, \pm\frac{1}{4}\phi)$
2(b)	horizontal straight line from $t = 0$ to $t = 24$ hours
	line starting at $(0, -\phi)$
2(c)	straight line with non-zero gradient from 0 to d
	line with negative gradient from $(0, V)$ to $(d, 0)$