Cálculo II

a - $y = 2$

$x = r\cos\theta$
$y = r\,\text{sen}\,\theta$

$y = r\,\text{sen}\,\theta = 2$

$r\,\text{sen}\,\theta = 2$

$r = \frac{2}{\text{sen}\,\theta}$ ∫ $\text{cossec}\,\theta$

$r = 2\,\text{cossec}\,\theta$ //

b - $y = 1 + 3x$

$x = r\cos\theta$
$y = r\,\text{sen}\,\theta$

$y = r\,\text{sen}\,\theta = 1 + 3x$
$r\,\text{sen}\,\theta = 1 + 3r\cos\theta$

$r\,\text{sen}\,\theta - 3r\cos\theta = 1$
$r(\text{sen}\,\theta - 3\cos\theta) = 1$

$r = \frac{1}{\text{sen}\,\theta - 3\cos\theta}$ //

Refreshing