Ic. Tutorial - 1 $ny^2 \cdot dy = (1-n^2)(1+y^2)$ $= \log |n|$

9-2

ainbow

	Integeoling both side
	$\int \frac{dy}{y^2} dx = \int (n-1) dn + 2$
	$\frac{ g y-2}{2} = \frac{n^2}{2} - n + c$
Q.3.	$\frac{dy}{dn} = \frac{3n^2 + 4n - 4}{2y - 4}$
	$(2y-4)$, $dy = (3n^2 + 4n - 4)$, dn
	291 Integrating both sides
	$\frac{1}{2}$. $\left(\frac{2y-4}{4}\right) \cdot \frac{dy}{dy} = \left(\frac{3n^2+4n-4}{4n-4}\right) \cdot \frac{dn}{dx}$
	$=\frac{2y^2}{2}$ - $4y$ = $3x^3$, $+4x^4$ - $4x_{+6}$
	$y^2 - 4y = n^3 + 2n^2 - 4n + c$
Rainbow	