Rearranging Equations

(harder questions on next page)

Rearrange to make each of the required variables the subject

$V = IR$	$R =$	
$C = 2\pi r$	$r =$	
$A = \pi r^2$	$r =$	
$v = u + at$	$u =$	$a =$
$e = mc^2$	$m =$	$c =$
$v^2 = u^2 + 2as$	$u =$	$a =$
$A = \frac{bh}{2}$	$b =$	
$A = \frac{h(a+b)}{2}$	$h =$	$a =$
$\frac{1}{R_T} = \frac{1}{R_1} + \frac{1}{R_2}$	$R_1 =$	
$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$	$c =$	$a =$

Harder Rearranging Equations

(where the term to become the subject features twice in the original equation)

$y = \frac{pt}{p - t}$	$t =$	
$a = \frac{2 - 7b}{b - 5}$	$b =$	
$\frac{x}{x + c} = \frac{p}{q}$	$x =$	
$p = \frac{n^2 + a}{n + a}$	$a =$	
$x = \frac{p - q}{pq}$	$p =$	$q =$
$5(x - 3) = y(4 - 3x)$	$x =$	
$p = \frac{3 - 2t}{4 + t}$	$t =$	
$R = \frac{ab}{a + b}$	$a =$	$b =$
$y = \frac{x + 1}{x + 2}$	$x =$	
$p = \frac{3a + 5}{4 - a}$	$a =$	