$y = (x-1)^2$	$y = -1 + \dfrac{1}{x^2}$ for $x \neq 0$
$y = x(1-x)$	$y = |x|$
$y = 1 + \dfrac{1}{x}$ for $x \neq 0$	$y = x(x+7)$
$y = (x-1)^2(x+3)$	$y = \dfrac{3}{x^2}$ for $x \neq 0$
$y = \dfrac{x-1}{x}$ for $x \neq 0$	$y = x + \dfrac{1}{x}$ for $x \neq 0$
$y = 1 + \dfrac{1}{x}$ for $x \neq 0$	$y = x^2 + 3$
$y = x^3$	$y = x$
$y = \dfrac{x}{(x-1)^2}$ for $x \neq 1$	$y = \dfrac{1}{x^3}$ for $x \neq 0$