$y = Ae^{-\frac{3}{2}x}$	$2\frac{dy}{dx} + y = 0$	$\frac{dy}{dx} + 2y = 0$	$y = Ae^{-\frac{2}{3}x}$
$\frac{dy}{dx} - 3y = 0$	$y = Ae^{\frac{2}{3}x}$	$\frac{dy}{dx} - 2y = 0$	$2\frac{dy}{dx} - 3y = 0$
$y = Ae^{\frac{3}{2}x}$	Finish	$\frac{dy}{dx} - y = 0$	$y = Ae^{3x}$
$\frac{dy}{dx} + y = 0$	$y = Ae^{-2x}$	$3\frac{dy}{dx} - 2y = 0$	$y = Ae^{-x}$
$y = Ae^{-\frac{1}{2}x}$	$y = Ae^{x}$	$2\frac{dy}{dx} - y = 0$	$y = Ae^{2x}$
$3\frac{dy}{dx} + 2y = 0$	$y = Ae^{\frac{1}{2}x}$	Start *Match the DEs with their complementary functions*	$2\frac{dy}{dx} + 3y = 0$