Changing the Subject of Formulae Complete the table for each **Formula** and its corresponding **Inverse Formula**.

	Formula	Input	Output	1st Operation	2nd Operation	Inverse Formula	Input	Output	1st Operation	2nd Operation
A	$y = 2x + 3$	4		$\times 2$	$+ 3$	$x = \frac{y-3}{2}$	15			
B	$y = 4x - 5$	3					7		$+ 5$	
C		6		$\div 3$	$+ 7$		9			$\times 3$
D	$y = \frac{x-9}{2}$	21					5		$\times 2$	
E	$y = \frac{2x}{5}$	10		$\times 2$			8			
F	$y = x^2 + 4$	3		$Square$			13			
G			32		$\times 2$	$x = \sqrt{\frac{x}{2}}$	50			
H		6					36		$Square\ Root$	$\times 3$
I		20		$\times 5$			10		$Square$	
J	$y = \frac{\sqrt{x}}{3}$	36				$x = (3y)^2$		36		

Changing the Subject of Formulae Complete the table for each **Formula** and its corresponding **Inverse Formula**.

	Formula	Input	Output	1st Operation	2nd Operation	Inverse Formula	Input	Output	1st Operation	2nd Operation
A	$y = 2x + 3$	4		$\times 2$	$+ 3$	$x = \frac{y-3}{2}$	15			
B	$y = 4x - 5$	3					7		$+ 5$	
C		6		$\div 3$	$+ 7$		9			$\times 3$
D	$y = \frac{x-9}{2}$	21					5		$\times 2$	
E	$y = \frac{2x}{5}$	10		$\times 2$			8			
F	$y = x^2 + 4$	3		$Square$			13			
G			32		$\times 2$	$x = \sqrt{\frac{x}{2}}$	50			
H		6					36		$Square\ Root$	$\times 3$
I		20		$\times 5$			10		$Square$	
J	$y = \frac{\sqrt{x}}{3}$	36				$x = (3y)^2$		36		

Changing the Subject of Formulae

Complete the table for each **Formula** and its corresponding **Inverse Formula**.

	Formula	Input	Output	1st Operation	2nd Operation	Inverse Formula	Input	Output	1st Operation	2nd Operation
A	$y = 2x + 3$	4	11	$\times 2$	$+ 3$	$x = \frac{y-3}{2}$	15	6	$- 3$	$\div 2$
B	$y = 4x - 5$	3	7	$\times 4$	$- 5$	$x = \frac{y+5}{4}$	7	3	$+ 5$	$\div 4$
C	$y = \frac{x}{3} + 7$	6	9	$\div 3$	$+ 7$	$x = 3(y-7)$	9	6	$- 7$	$\times 3$
D	$y = \frac{x-9}{2}$	21	6	$- 9$	$\div 2$	$x = 2y + 9$	5	19	$\times 2$	$+ 9$
E	$y = \frac{2x}{5}$	10	4	$\times 2$	$\div 5$	$x = \frac{5y}{2}$	8	20	$\times 5$	$\div 2$
F	$y = x^2 + 4$	3	13	$Square$	$+ 4$	$x = \sqrt{x-4}$	13	3	$- 4$	$Square\ Root$
G	$y = 2x^2$	4	32	$Square$	$\times 2$	$x = \sqrt{\frac{x}{2}}$	50	5	$\div 2$	$Square\ Root$
H	$y = \left(\frac{x}{3}\right)^2$	6	4	$\div 3$	$Square$	$x = 3\sqrt{y}$	36	18	$Square\ Root$	$\times 3$
I	$y = \sqrt{5x}$	20	10	$\times 5$	$Square\ Root$	$x = \frac{y^2}{5}$	10	20	$Square$	$\div 5$
J	$y = \frac{\sqrt{x}}{3}$	36	2	$Square\ Root$	$\div 3$	$x = 3y^2$	2	36	$Square$	$\times 3$