Find the inverse:

$f(x) = 2x + 5$

x	1	2	3
f(x)	3	5	7

Find $f^{-1}(3)$.

$f(x) = \sqrt{x} - 1$

Find $f^{-1}(x)$.

x	2	4	6
f(x)	4	1	9

Find $f^{-1}(4)$.

Match this box

For a(x): if the domain is $x < 4$ and the range is $y > 0$, find the domain and range for $a^{-1}(x)$.

$f(x) = 4x$
$g(x) = x + 2$

Find f(g(x)).

For a(x): if the domain is $\mathbb{R}$ and the range is $y \geq 2$, find the domain and range of $a^{-1}(x)$.

x	0	10	20
f(x)	2	8	1

Find $f^{-1}(x)$.

$f(x) = x + 1$
$g(x) = \sqrt{x}$

Find the domain of f(g(x)).

x	1	3	5
f(x)	2	4	6

Find $f^{-1}(x)$.

END

$f(x) = \sqrt{x}$
$g(x) = x^2 + x$

Find g(f(x)).

2 Turnover Cards Set #1	domain $x > 0$ range $y < 4$ Turnover Cards Set #1	$x \geq 0$ Turnover Cards Set #1	$4x + 8$ Turnover Cards Set #1
$x + \sqrt{x}$ Turnover Cards Set #1	Start Turnover Cards Set #1	<table><tr><td>x</td><td>2</td><td>4</td><td>6</td></tr><tr><td>$f^{-1}(x)$</td><td>1</td><td>3</td><td>5</td></tr></table> Turnover Cards Set #1	$f^{-1}(x) = \frac{x-5}{2}$ Turnover Cards Set #1
domain $x \geq 2$ range $\mathbb{R}$ Turnover Cards Set #1	<table><tr><td>x</td><td>2</td><td>8</td><td>1</td></tr><tr><td>$f^{-1}(x)$</td><td>0</td><td>10</td><td>20</td></tr></table> Turnover Cards Set #1	1 Turnover Cards Set #1	$f^{-1}(x)=(x+1)^2$ Turnover Cards Set #1

Match this box