

(3) If
$$f(x) = \frac{1}{x+2}$$
 and $g(x) = \frac{1}{2} - 2$, is $g = f^{-1} = 7$
 $g(f(x)) = \frac{1}{x+2} - 2 = x + 2 + 2 = x$

 $g(f(x)) = \frac{1}{\frac{1}{x+2}} - 2 = x+2+2 = x$

 $\int g = f^{-1}$ and $f = g^{-1}$

Find the inverse of the function
$$f(x) = 2 + \sqrt{x-y}$$
, $y = 2 + \sqrt{x-y}$, $y = 2 + \sqrt{x-y}$, $y = 2 + \sqrt{x-y}$, $(y-2)^2 = x-y$, $(y-2)^2 + y = x$, $(x-2)^2 + y$, $(x-2)^2 +$

Find a sormula sor the inverse sunction that gives Fahrenheit temperature as a sunctional of Celsius temperature.

$$C = \frac{5}{9}(F32)$$
 $F = \frac{9}{5}C + 32$

(8) Find the domain of and range of the following function: $g(n) = 2\sqrt{x-y} \quad g(y) = 2\sqrt{y-y}$ $x-y \geq 0 \quad g(y) = 2\cdot 0$ $x \geq y \quad g(y) = 0$ [Domain g(x): $[y+\infty)$ | Range: $g(x) = [x+\infty)$