

A1 $f(x) = x + 5$ $f^{-1}(x) = x - 5$ Express the inverse function f^{-1} in the form $f^{-1}(x) = \dots$	A2 $g(x) = x - 5$ $g^{-1}(x) = x + 5$ Express the inverse function g^{-1} in the form $g^{-1}(x) = \dots$	A3 $h(x) = 2x$ $h^{-1}(x) = \frac{x}{2}$ Express the inverse function h^{-1} in the form $h^{-1}(x) = \dots$	A4 $f(x) = \frac{x}{3}$ $f^{-1}(x) = 3x$ Express the inverse function f^{-1} in the form $f^{-1}(x) = \dots$
B1 $g(x) = 2x + 5$ Find $g^{-1}(x) = \frac{x-5}{2}$	B2 $h(x) = \frac{x}{3} - 5$ Find $h^{-1}(x) = 3(x+5)$	B3 $f(x) = 2(x+5)$ Find $f^{-1}(x) = \frac{x-10}{2}$	B4 $g(x) = \frac{x-5}{3}$ Find $g^{-1}(x) = 3x+5$
C1 $h(x) = x^2$ Find $h^{-1}(x) = \pm\sqrt{x}$	C2 $f(x) = \sqrt{x}$ Find $f^{-1}(x) = x^2$	C3 $h(x) = x^2 - 7$ Find $h^{-1}(x) = \pm\sqrt{x+7}$	C4 $f(x) = (x-7)^2$ Find $f^{-1}(x) = 7 \pm \sqrt{x}$
D1 $g(x) = \sqrt{x} + 5$ Find $g^{-1}(x) = (x-5)^2$	D2 $f(x) = \sqrt{x-5}$ Find $f^{-1}(x) = x^2 + 5$	D3 $h(x) = \frac{\sqrt{x}}{3}$ Find $h^{-1}(x) = 9x^2$	D4 $f(x) = \sqrt{\frac{x}{3}}$ Find $f^{-1}(x) = 3x^2$