

$$a(x) = 2(x - 6)$$

$$g(x) = \frac{1}{4}x^2$$

$$w(x) = (4x+2)^2$$

$$f(x) = 2x - 6$$

$$e(x) = \frac{\sqrt{x}}{2}$$

$$p(x) = (4x)^2 - 2$$

$$k(x) = \frac{x + 3}{4}$$

$$s(x) = \frac{1}{4}x - 3$$

$$r(x) = \frac{1}{4}(4x)^2$$

$$c(x) = \sqrt{4x}$$

$$j(x) = \frac{\sqrt{x+2}}{4}$$

$$m(x) = 4x - 12$$

$$y(x) = \frac{\sqrt{x-2}}{4}$$

$$n(x) = 4(x + 3)$$

$$q(x) = 16x^2$$

$$u(x) = \frac{1}{2}x - 3$$

$$d(x) = \frac{x + 6}{2}$$

$$b(x) = \frac{\sqrt{x}}{4}$$

$$t(x) = \frac{x + 6}{2}$$

Match these functions into pairs that are inverses of each other

Function	Inverse

$$a(x) = 2(x - 6)$$

$$s(x) = \frac{1}{4}x - 3$$

$$g(x) = \frac{1}{4}x^2$$

$$r(x) = \frac{1}{4}(4x)^2$$

$$n(x) = 4(x + 3)$$

$$w(x) = (4x+2)^2$$

$$c(x) = \sqrt{4x}$$

$$q(x) = 16x^2$$

$$f(x) = 2x - 6$$

$$j(x) = \frac{\sqrt{x+2}}{4}$$

$$u(x) = \frac{1}{2}x - 3$$

$$e(x) = \frac{\sqrt{x}}{2}$$

$$m(x) = 4x - 12$$

$$d(x) = \frac{x + 6}{2}$$

$$p(x) = (4x)^2 - 2$$

$$y(x) = \frac{\sqrt{x-2}}{4}$$

$$b(x) = \frac{\sqrt{x}}{4}$$

$$k(x) = \frac{x + 3}{4}$$

$$h(x) = 2x + 6$$

$$t(x) = \frac{x + 6}{2}$$

answers

Function	Inverse
A	t
B	Q
C	g
D	f
E	R
H	U
J	P
K	m
n	s
w	y