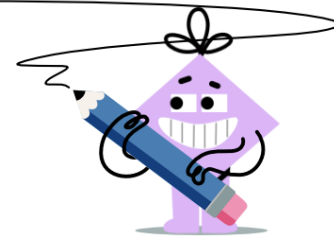




Function Inverse - Function to Inverse



1

given:

Find the inverse function of $m(x)$

$$m(x) = \frac{3x + 4}{5}$$

$$m^{-1}(x) = ?$$

A $m^{-1}(x) = \frac{5x - 4}{3}$

B $m^{-1}(x) = 3(5x - 4)$

2

given:

Find the inverse function of $d(x)$

$$d(x) = 4x - 5$$

$$d^{-1}(x) = ?$$

A $d^{-1}(x) = \frac{x + 5}{4}$

B $d^{-1}(x) = \frac{x - 4}{-5}$

3

given:

Find the inverse function of $d(x)$

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

$$d^{-1}(x) = ?$$

A $d^{-1}(x) = \frac{4x}{-3}$

B $d^{-1}(x) = \frac{4}{-3x}$

4

given:

Find the inverse function of $z(x)$

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

$$z^{-1}(x) = ?$$

A $z^{-1}(x) = \frac{x + 4}{3}$

B $z^{-1}(x) = \frac{x - 4}{3}$

5

given:

Find the inverse function of $z(x)$

$$z(x) = 5x^2$$

$$z^{-1}(x) = ?$$

A $z^{-1}(x) = \sqrt{\frac{x}{5}}$

B $z^{-1}(x) = -\sqrt{\frac{x}{5}}$

6

given:

Find the inverse function of $n(x)$

$$n(x) = \frac{2}{3x}$$

$$n^{-1}(x) = ?$$

A $n^{-1}(x) = \frac{6}{x}$

B $n^{-1}(x) = \frac{2}{3x}$

7

given:

Find the inverse function of $y(x)$

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

$$y^{-1}(x) = ?$$

A $y^{-1}(x) = \frac{x^2}{-32}$

B $y^{-1}(x) = \frac{x^2}{-16}$

8

given:

Find the inverse function of $y(x)$

$$y(x) = -2x^2$$

$$y^{-1}(x) = ?$$

A $y^{-1}(x) = \sqrt{\frac{x}{-2}}$

B $y^{-1}(x) = -\sqrt{\frac{x}{-2}}$