



Puzzle Time

What Do You Get When You Cross A SWAT Team With An Octopus?

Write the letter of each answer in the box containing the exercise number.

Find the inverse of the function.

1. $f(x) = 3x + 1$

2. $f(x) = -4x - 8$

3. $f(x) = \frac{x}{7} - 2$

4. $f(x) = \frac{2x}{3} - 4$

5. $f(x) = \frac{x-1}{5}$

6. $f(x) = -2x^2, x \geq 0$

7. $f(x) = 5x^4, x \geq 0$

8. $f(x) = (x+1)^3$

9. $f(x) = \sqrt{8x-3}$

10. $f(x) = (x-21)^3$

Answers

A. $y = \frac{x-1}{3}$

B. $y = 5x + 1$

B. $y = \frac{x+8}{-4}$

O. $y = 7(x+2)$

D. $y = \sqrt[3]{x} + 21$

S. $y = \sqrt{-\frac{x}{2}}$

Q. $y = \sqrt[4]{\frac{x}{5}}$

M. $y = \frac{3(x+4)}{2}$

U. $y = \sqrt[3]{x} - 1$

I. $y = \frac{x^2+3}{8}, x \geq 0$

1		2	3	4	5		6	7	8	9	10
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