

Name _____ Score _____

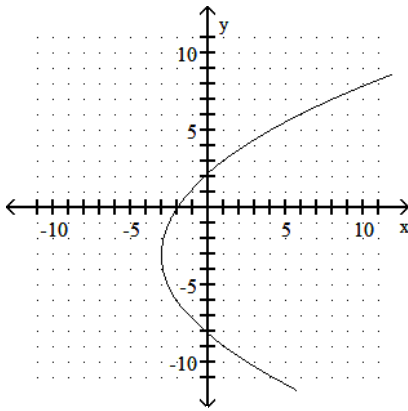
Decide whether the relation defines a function and explain why or why not.

1) $\{(-5, -3), (-3, 6), (-1, -8), (7, -9)\}$

3) State the domain and range of the function.

$$y = \sqrt{2 + x}$$

2)



4) State the domain.

$$\frac{\sqrt{x - 3}}{x + 2}$$

5) Find $f\left(\frac{1}{4}\right)$ if $f(x) = -5x^2 - 7x - 7$.