

Name _____

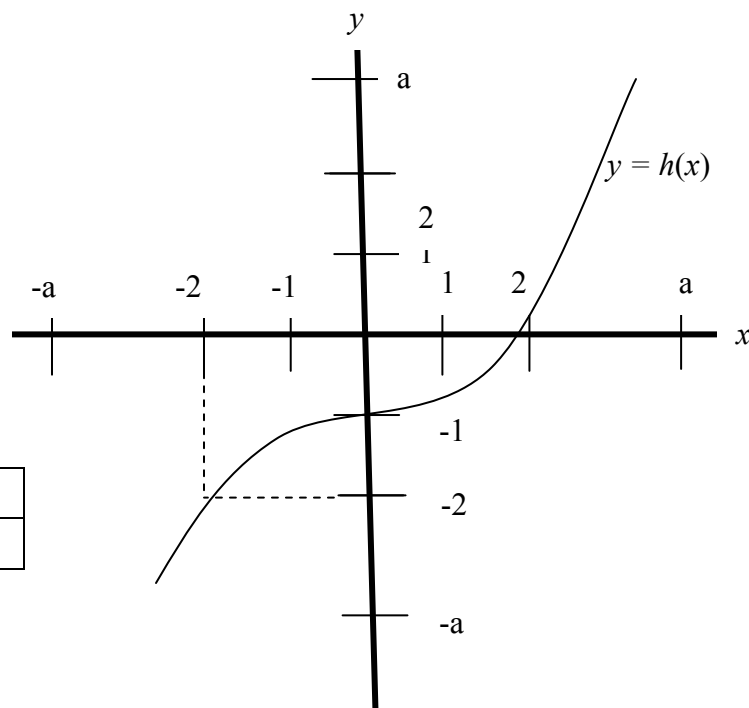
More Fun with INVERSE FUNctions

Use the functions given below to answer the following questions. *Note: Some of your answers may contain the constant a .*

$$p(t) = t^3 + 2$$

$$f(m) = 2^m$$

k	$-a$	-1	0	1	3	7
$s(k)$	1	0	$-a$	2	-1	a



1. $p^{-1}(1)$

5. $h^{-1}(-1) - s^{-1}(a)$

2. $s(s^{-1}(-1))$

6. $f^{-1}(f(0))$

3. $p^{-1}(10) \cdot h^{-1}(-2)$

7. The x -intercept of $h^{-1}(x)$ is:

4. $h(f^{-1}(1))$

8. The domain of $s^{-1}(k)$ is: