

3. [6 points] The values of the functions $f(x)$, $g(x)$ and $h(x)$ are given below.

x	0	4	8	12
$f(x)$	100	20	4	0.8
$g(x)$	3.6	4.7	5.8	6.9
$h(x)$	-4	-3.6	-3	-0.9

- a. [2 points] Which of the following functions could be linear? Circle all that apply.

Solution:

$f(x)$ $g(x)$ $h(x)$ None of these

- b. [2 points] Which of the following functions could be exponential? Circle all that apply.

Solution:

$f(x)$ $g(x)$ $h(x)$ None of these

- c. [2 points] Which of the following functions could be concave up? Circle all that apply.

Solution:

$f(x)$ $g(x)$ $h(x)$ None of these