Name: _____

Function Rule

A) Identify the function rule for each function table.

1)

x	−12	0	3	4
$f(x)$	96	0	−24	−32

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2)

x	5	9	12	15
$h(x)$	21	41	56	71

_____

3)

x	−15	−13	−8	2
$g(x)$	−14	−12	−7	3

_____

4)

x	−11	−7	0	6
$f(x)$	22	10	−11	−29

_____

5)

x	−9	−6		5	10
$h(x)$	−51	−30		1	2

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B) 1) Which of the following ... **ble?**

x	7	8
$f(x)$	14	16

ii) $f(x) = -7x - 2$

iv) $f(x) = 2x + 7$

2) Which of the following ... **ble?**

x	−17	−14	−4	−3
$h(x)$	−69	−57	−17	−13

ii) $h(x) = 4x$

iii) $h(x) = 4x - 1$ iv) $h(x) = 6x - 4$

3) Which of the following function rules determines the function table?

x	−12	0	14	20
$g(x)$	6	0	−7	−10

i) $g(x) = 5x - 9$ ii) $g(x) = -\dfrac{1}{2}x$

iii) $g(x) = 3x + 5$ iv) $g(x) = -6x - 12$