

A) Identify the function rule for each function table.

1)

$x$	-11	-10	-8	0
$g(x)$	73	66	52	-4

\_\_\_\_\_

2)

$x$	-18	-15	3	12
$f(x)$	-24	-20	4	16

\_\_\_\_\_

3)

$x$	-13	2	16	14
$h(x)$	-77	13	97	85

\_\_\_\_\_

4)

$x$	-17	9	11	15
$g(x)$	93	-37	-47	-67

\_\_\_\_\_

5)

$x$	1	4
$f(x)$	9	36

\_\_\_\_\_

	5	7
	15	17

\_\_\_\_\_

# PREVIEW

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B) 1) Which of the follow

$x$	-8	-5
$g(x)$	22	13

ble?

ii)  $g(x) = -x + 8$

iv)  $g(x) = 2x - 8$

2) Which of the follow

$x$	0	4	8	16
$f(x)$	0	1	2	4

ble?

ii)  $f(x) = \frac{1}{4}x$

iv)  $f(x) = 7x + 5$

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

$x$	-20	-18	-6	-2
$h(x)$	80	72	24	8

i)  $h(x) = -4x$

ii)  $h(x) = 4x$

iii)  $h(x) = 6x + 11$

iv)  $h(x) = -3x - 10$

## Function Rule

A) Identify the function rule for each function table.

1)

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$g(x)$	73	66	52	-4

$$g(x) = -7x - 4$$

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$$h(x) = 6x +$$

4)

$x$	-17	9	11	15
$g(x)$	93	-37	-47	-67

$$5x + 8$$

5)

$x$	1	4
$f(x)$	9	36

$$f(x) = 9x$$

	5	7
	15	17

$$c + 10$$

B) 1) Which of the follow

$x$	-8	-5
$g(x)$	22	13

ble?

ii)  $g(x) = -x + 8$

iv)  $g(x) = 2x - 8$

2) Which of the follow

$x$	0	4	8	16
$f(x)$	0	1	2	4

ble?

ii)  $f(x) = \frac{1}{4}x$

iii)  $f(x) = 8x - 3$

iv)  $f(x) = 7x + 5$

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

$x$	-20	-18	-6	-2
$h(x)$	80	72	24	8

i)  $h(x) = -4x$

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