

A) Identify the function rule for each function table.

1)

x	-7	2	4	13
$h(x)$	-25	11	19	55

2)

x	0	3	15	14
$g(x)$	-7	11	83	77

3)

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

4)

x	-18	-3	1	10
$h(x)$	-35	-5	3	21

5)

x	-14	-19
$g(x)$	-70	-95

1	-9	-4
3	17	2

PREVIEW

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B) 1) Which of the follow

x	-8	0
$h(x)$	-4	0

ble?

ii) $h(x) = \frac{1}{2}x$

iv) $h(x) = -2x + 1$

2) Which of the follow

x	-10	-9	-5	0
$g(x)$	-70	-63	-35	0

ble?

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

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

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

x	3	5	6	16
$f(x)$	-3	-13	-18	-68

i) $f(x) = -9x + 12$

ii) $f(x) = 7x - 12$

iii) $f(x) = 5x$

iv) $f(x) = -5x + 12$

Function Rule

A) Identify the function rule for each function table.

1)

x	-7	2	4	13
$h(x)$	-25	11	19	55

$$h(x) = 4x + 3$$

2)

x	0	3	15	14
$g(x)$	-7	11	83	77

$$g(x) = 6x - 7$$

3)

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

$$f(x) = \frac{1}{8}x$$

4)

x	-18	-3	1	10
$h(x)$	-35	-5	3	21

$$h(x) = 2x + 1$$

5)

x	-14	-19
$g(x)$	-70	-95

$$g(x) = 5x$$

1	-9	-4
3	17	2

$$g(x) = 10x - 10$$

B) 1) Which of the follow

x	-8	0
$h(x)$	-4	0

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ble?

ii) $h(x) = \frac{1}{2}x$

iv) $h(x) = -2x + 1$

2) Which of the follow

x	-10	-9	-5	0
$g(x)$	-70	-63	-35	0

iii) $g(x) = 2x + 3$

ble?

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

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

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

x	3	5	6	16
$f(x)$	-3	-13	-18	-68

i) $f(x) = -9x + 12$

ii) $f(x) = 7x - 12$

iii) $f(x) = 5x$

iv) $f(x) = -5x + 12$