TRANSFORMATIONS

Use the numerical representation of $f(x)$ below to match the numerical information in column A with the symbolic representation in column B.

x	-4	-2	0	2	4
$f(x)$	5	1	6	2	7

Column A

Column B

1.

x	-4	-2	0	2	4
$g(x)$	7	3	8	4	9

a. $f(x-2)$

2.

x	-2	-1	0	1	2
$h(x)$	5	1	6	2	7

b. $f\left(\dfrac{1}{2}x\right)$

3.

x	-2	0	2	4	6
$m(x)$	5	1	6	2	7

c. $f(x)+2$

4.

x	-8	-4	0	4	8
$n(x)$	5	1	6	2	7

d. $f(-x)$

5.

x	-4	-2	0	2	4
$l(x)$	-5	-1	-6	-2	-7

e $f(x-3)+4$

6.

x	4	2	0	-2	-4
$k(x)$	5	1	6	2	7

f. $-f(x)$

7.

x	7	5	3	1	-1
$u(x)$	11	6	10	5	9

g. $f(x+2)$

h. $f(2x)$