

8-1 Practice

1. Over what interval is the function shown in the table decreasing?

x	$f(x) = 3x^2$	(x, y)
-2	12	$(-2, 12)$
-1	3	$(-1, 3)$
0	0	$(0, 0)$
1	3	$(1, 3)$
2	12	$(2, 12)$

2. Match each graph with its function.

i. $f(x) = -2x^2$

ii. $g(x) = -x^2$

iii. $h(x) = 0.5x^2$

iv. $j(x) = 2x^2$

