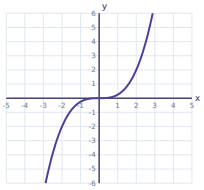
Even & Odd Functions · 1

Look at the graph of f. Is it even, odd or neither?



Even & Odd Functions · 2

$f(x) = -2x^4 - 6x^2$. Is it even, odd or neither?

Even & Odd Functions · 3

The table shows values of f. Is it even, odd or neither?

x	?3	?2	?1	0	1	2	3
f(x)	?15	?5	1	3	1	?5	?15

Even & Odd Functions · 4

f is an even function and $f(-3) = -1$. What is $f(3)$?

Even & Odd Functions · 5

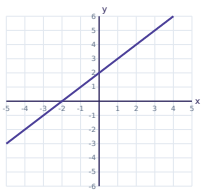
$f(x) = -x^5 - 6x^3 + 4x$. Is it even, odd or neither?

Even & Odd Functions · 6

$f(x) = 2^x$. Is it even, odd or neither?

Even & Odd Functions · 7

Look at the graph of f. Is it even, odd or neither?



Even & Odd Functions · 8

$f(x) = -3x^5 + 4x^2$. Is it even, odd or neither?

Even & Odd Functions · 2

ANSWER

even

Even & Odd Functions · 1

ANSWER

odd

Even & Odd Functions · 4

ANSWER

-1

Even & Odd Functions · 3

ANSWER

even

Even & Odd Functions · 6

ANSWER

neither

Even & Odd Functions · 5

ANSWER

odd

Even & Odd Functions · 8

ANSWER

neither

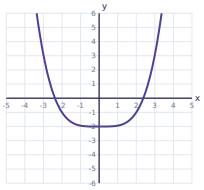
Even & Odd Functions · 7

ANSWER

neither

Even & Odd Functions · 9

Look at the graph of f. Is it even, odd or neither?



Even & Odd Functions · 10

$f(x) = -3x^5 + 6x$. Is it even, odd or neither?

Even & Odd Functions · 11

The table shows values of f. Is it even, odd or neither?

x	?3	?2	?1	0	1	2	3
f(x)	?33	?12	?3	0	3	12	33

Even & Odd Functions · 12

f is an even function and $f(-1) = -3$. What is $f(1)$?

Even & Odd Functions · 13

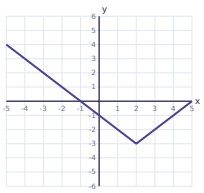
$f(x) = 4x^4 - x^3$. Is it even, odd or neither?

Even & Odd Functions · 14

$f(x) = \frac{5}{x - 3}$. Is it even, odd or neither?

Even & Odd Functions · 15

Look at the graph of f. Is it even, odd or neither?



Even & Odd Functions · 16

$f(x) = -3x^2 + 4$. Is it even, odd or neither?

Even & Odd Functions · 10

ANSWER

odd

Even & Odd Functions · 9

ANSWER

even

Even & Odd Functions · 12

ANSWER

-3

Even & Odd Functions · 11

ANSWER

odd

Even & Odd Functions · 14

ANSWER

neither

Even & Odd Functions · 13

ANSWER

neither

Even & Odd Functions · 16

ANSWER

even

Even & Odd Functions · 15

ANSWER

neither

Even & Odd Functions · 17

$f(x) = x^5 - 2x^3 + 5x$. Is it even, odd or neither?

Even & Odd Functions · 18

$f(x) = |x - 1|$. Is it even, odd or neither?

Even & Odd Functions · 19

The table shows values of f. Is it even, odd or neither?

x	?3	?2	?1	0	1	2	3
f(x)	3	?5	?5	?3	?5	?17	?45

Even & Odd Functions · 20

g is an even function. Is $h(x) = [g(x)]^2$ even, odd or neither?

Even & Odd Functions · 21

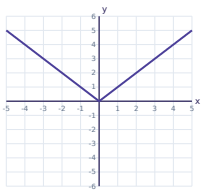
$f(x) = 3x^4 - 4x^2 - 6$. Is it even, odd or neither?

Even & Odd Functions · 22

$f(x) = \frac{3x}{x^2 + 2}$. Is it even, odd or neither?

Even & Odd Functions · 23

Look at the graph of f. Is it even, odd or neither?



Even & Odd Functions · 24

g is an odd function. Is $h(x) = [g(x)]^2$ even, odd or neither?

Even & Odd Functions · 18

ANSWER

neither

Even & Odd Functions · 17

ANSWER

odd

Even & Odd Functions · 20

ANSWER

even

Even & Odd Functions · 19

ANSWER

neither

Even & Odd Functions · 22

ANSWER

odd

Even & Odd Functions · 21

ANSWER

even

Even & Odd Functions · 24

ANSWER

even

Even & Odd Functions · 23

ANSWER

even