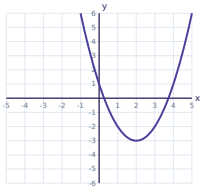
Even & Odd Functions · 1

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



Even & Odd Functions · 2

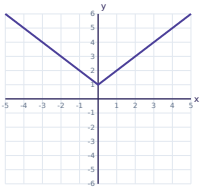
f(x) = −3x. Is it even, odd or neither?

Even & Odd Functions · 3

f is an even function and f(5) = −2. What is f(−5)?

Even & Odd Functions · 4

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



Even & Odd Functions · 5

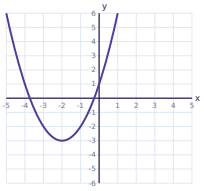
f(x) = $4x^3 - 4x$. Is it even, odd or neither?

Even & Odd Functions · 6

f is an odd function and f(−3) = −7. What is f(3)?

Even & Odd Functions · 7

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



Even & Odd Functions · 8

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

Even & Odd Functions · 2

ANSWER

odd

Even & Odd Functions · 1

ANSWER

neither

Even & Odd Functions · 4

ANSWER

even

Even & Odd Functions · 3

ANSWER

-2

Even & Odd Functions · 6

ANSWER

7

Even & Odd Functions · 5

ANSWER

odd

Even & Odd Functions · 8

ANSWER

even

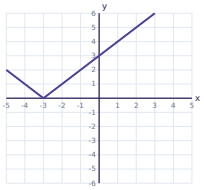
Even & Odd Functions · 7

ANSWER

neither

Even & Odd Functions · 9

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



Even & Odd Functions · 10

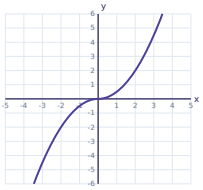
$f(x) = -x^3 - 2x$. Is it even, odd or neither?

Even & Odd Functions · 11

f is an even function and $f(5) = 6$. What is $f(-5)$?

Even & Odd Functions · 12

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



Even & Odd Functions · 13

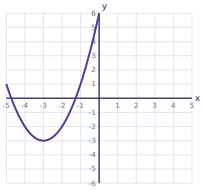
$f(x) = 2x^4 + 4x^2$. Is it even, odd or neither?

Even & Odd Functions · 14

f is an even function and $f(-4) = -6$. What is $f(4)$?

Even & Odd Functions · 15

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



Even & Odd Functions · 16

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

Even & Odd Functions · 10

ANSWER

odd

Even & Odd Functions · 9

ANSWER

neither

Even & Odd Functions · 12

ANSWER

odd

Even & Odd Functions · 11

ANSWER

6

Even & Odd Functions · 14

ANSWER

-6

Even & Odd Functions · 13

ANSWER

even

Even & Odd Functions · 16

ANSWER

even

Even & Odd Functions · 15

ANSWER

neither

Even & Odd Functions · 17

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

Even & Odd Functions · 18

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

x	?3	?2	?1	0	1	2	3
f(x)	27	8	1	0	?1	?8	?27

Even & Odd Functions · 19

f is an even function and $f(1) = -4$. What is $f(-1)$?

Even & Odd Functions · 20

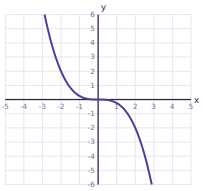
$f(x) = -5x^4 - x^2$. Is it even, odd or neither?

Even & Odd Functions · 21

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

Even & Odd Functions · 22

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



Even & Odd Functions · 23

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

Even & Odd Functions · 24

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

Even & Odd Functions · 18

ANSWER

odd

Even & Odd Functions · 17

ANSWER

neither

Even & Odd Functions · 20

ANSWER

even

Even & Odd Functions · 19

ANSWER

-4

Even & Odd Functions · 22

ANSWER

odd

Even & Odd Functions · 21

ANSWER

odd

Even & Odd Functions · 24

ANSWER

neither

Even & Odd Functions · 23

ANSWER

even