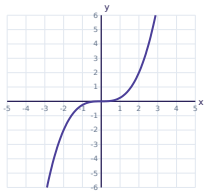
Task card 1 Even & Odd Functions

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



Task card 2 Even & Odd Functions

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

Task card 3 Even & Odd Functions

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

Task card 4 Even & Odd Functions

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

Task card 5 Even & Odd Functions

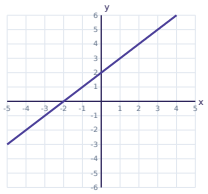
$f(x) = -x^5 - 6x^3 + 4x$. Is it even, odd or neither?

Task card 6 Even & Odd Functions

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

Task card 7 Even & Odd Functions

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

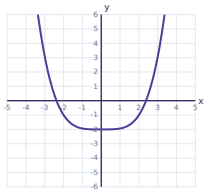


Task card 8 Even & Odd Functions

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

Task card 9 Even & Odd Functions

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



Task card 10 Even & Odd Functions

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

Task card 11 Even & Odd Functions

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

Task card 12 Even & Odd Functions

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

Task card 13 Even & Odd Functions

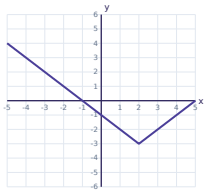
$f(x) = 4x^4 - x^3$. Is it even, odd or neither?

Task card 14 Even & Odd Functions

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

Task card 15 Even & Odd Functions

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



Task card 16 Even & Odd Functions

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

Task card 17 Even & Odd Functions

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

Task card 18 Even & Odd Functions

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

Task card 19 Even & Odd Functions

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

Task card 20 Even & Odd Functions

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

Task card 21 Even & Odd Functions

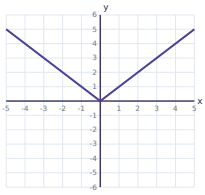
$f(x) = 3x^4 - 4x^2 - 6$. Is it even, odd or neither?

Task card 22 Even & Odd Functions

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

Task card 23 Even & Odd Functions

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



Task card 24 Even & Odd Functions

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

Even & Odd Functions Task Cards

Recording sheet · Grade 11 · Write even, odd or neither, or answer the question.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Even & Odd Functions Task Cards: Answer Key

Grade 11 · Medium

The answers online

1. odd	**2.** even	**3.** even
4. -1	**5.** odd	**6.** neither
7. neither	**8.** neither	**9.** even
10. odd	**11.** odd	**12.** -3
13. neither	**14.** neither	**15.** neither
16. even	**17.** odd	**18.** neither
19. neither	**20.** even	**21.** even
22. odd	**23.** even	**24.** even