

Calculus-English-Session1-2021-Prac

Question	Answer
1	$-x\sqrt{x^2-1}$
2	e
3	16
4	$\frac{2}{3}$
5	$3\cos 3x \, dx$
6	$\frac{3}{x^2} (\ln x^3 - 2)$
7	$(0, f(0))$ is an inflection point.
8	48
9	parallel to the straight line $y = x$
10	1
11	1
12	$\log_5 e$
13	1
14	a - b
15	(2, 4)
16	1

17	$\sqrt{2}$
18	1
19	$4\sqrt{2}$
20	6
21	3
22	e
23	1 : 2 internally
24	The function f is decreasing on the interval] A , B [
25	f is decreasing on $]\frac{1}{2}, 1[$