

Name: _____

Prüfungstermin

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Write the first partial of the left side in terms of x centered on the right.

$\ln(x)$	$\ln(x)$
$\ln(x^2)$	$2\ln(x)$
$\ln(x^3)$	$3\ln(x)$
$\ln(x^4)$	$4\ln(x)$
$\ln(x^5)$	$5\ln(x)$
$\ln(x^6)$	$6\ln(x)$
$\ln(x^7)$	$7\ln(x)$
$\ln(x^8)$	$8\ln(x)$
$\ln(x^9)$	$9\ln(x)$
$\ln(x^{10})$	$10\ln(x)$
$\ln(x^{11})$	$11\ln(x)$
$\ln(x^{12})$	$12\ln(x)$
$\ln(x^{13})$	$13\ln(x)$
$\ln(x^{14})$	$14\ln(x)$
$\ln(x^{15})$	$15\ln(x)$
$\ln(x^{16})$	$16\ln(x)$
$\ln(x^{17})$	$17\ln(x)$
$\ln(x^{18})$	$18\ln(x)$
$\ln(x^{19})$	$19\ln(x)$
$\ln(x^{20})$	$20\ln(x)$

What kind of the following polynomial?

$4x^2 + 3x + 2$ is a _____ polynomial.

Write the second partial of the right side in terms of x centered on the left.

x^2	x^2
x^3	x^3
x^4	x^4
x^5	x^5
x^6	x^6
x^7	x^7
x^8	x^8
x^9	x^9
x^{10}	x^{10}
x^{11}	x^{11}
x^{12}	x^{12}
x^{13}	x^{13}
x^{14}	x^{14}
x^{15}	x^{15}
x^{16}	x^{16}
x^{17}	x^{17}
x^{18}	x^{18}
x^{19}	x^{19}
x^{20}	x^{20}