CALCULUS BINGO

POWER RULE FOR DERIVATIVES

CALL SHEET

Tip: Mark off each derivative problem as you give it to students to avoid accidentally giving the same problem twice.

$2\sqrt{x}$	$-\frac{1}{x}$	$\frac{1}{x}+2x^2$	$2x^2$
$\sqrt{x^3}$	$\frac{1}{x^2}-\frac{2}{x^3}+3x-7$	$4\sqrt[3]{x^4}$	$8x^4-7x^2+8x$
$5x^5-2x$	$-8x$	$-9x^4$	$x^4-\sqrt{x}$
$\frac{2}{3x}$	x^4-3x^3+5	$(x+3)^3$	$\frac{4}{3x^5}$
$2x\sqrt{x}$	$(x-2)^2$	$\frac{5}{6\sqrt{x}}$	$\frac{2}{x^3}$
$4e^4$	$-\sqrt[3]{x^4}$	$8x^4-7x+8$	$\frac{5}{3x^2}$

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CALCULUS BINGO

POWER RULE FOR DERIVATIVES

CALL SHEET WITH SOLUTIONS

$2\sqrt{x}$	$-\frac{1}{x}$	$\frac{1}{x}+2x^2$	$2x^2$
$\frac{1}{\sqrt{x}}$	$\frac{1}{x^2}$	$4x-\frac{1}{x^2}$	$4x$
$\sqrt{x^3}$	$\frac{1}{x^2}-\frac{2}{x^3}+3x-7$	$4\sqrt[3]{x^4}$	$8x^4-7x^2+8x$
$\frac{3\sqrt{x}}{2}$	$\frac{6}{x^4}-\frac{2}{x^3}+3$	$\frac{16\sqrt[3]{x}}{3}$	$32x^3-14x+8$
$5x^5-2x$	$-8x$	$-9x^4$	$x^4-\sqrt{x}$
$25x^4-2$	-8	$-36x^3$	$4x^3-\frac{1}{2\sqrt{x}}$
$\frac{2}{3x}$	x^4-3x^3+5	$(x+3)^3$	$\frac{4}{3x^5}$
$\frac{-2}{3x^2}$	$4x^3-9x^2$	$3x^2+18x+27$	$-\frac{20}{3x^6}$
$2x\sqrt{x}$	$(x-2)^2$	$\frac{5}{6\sqrt{x}}$	$\frac{2}{x^3}$
$3\sqrt{x}$	$2x-4$	$\frac{-5}{12\sqrt{x^3}}$	$-\frac{6}{x^4}$
$4e^4$	$-\sqrt[3]{x^4}$	$8x^4-7x+8$	$\frac{5}{3x^2}$
0	$\frac{-4\sqrt[3]{x}}{3}$	$32x^3-7$	$-\frac{10}{3x^3}$

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POWER RULE FOR DERIVATIVES

40 UNIQUE BINGO CARDS

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CALCULUS BINGO

POWER RULE FOR DERIVATIVES

Use the power rule to take the derivative of each given function.
Cross out each solution on your bingo card.

B	I	N	G	O
$\frac{-5}{12\sqrt{x^3}}$	$4x-\frac{1}{x^2}$	$\frac{16\sqrt[3]{x}}{3}$	$3x^2+18x+27$	$\frac{1}{x^2}$
$25x^4-2$	$-\frac{20}{3x^6}$	$4x^3-\frac{1}{2\sqrt{x}}$	$2x-4$	$-36x^3$
$4x^3-9x^2$	$\frac{-4\sqrt[3]{x}}{3}$	**FREE**	$32x^3-14x+8$	$32x^3-7$
$\frac{6}{x^4}-\frac{2}{x^3}+3$	-8	$\frac{1}{\sqrt{x}}$	$\frac{3\sqrt{x}}{2}$	0
$-\frac{10}{3x^3}$	$3\sqrt{x}$	$\frac{-2}{3x^2}$	$4x$	$-\frac{6}{x^4}$

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CALCULUS BINGO

POWER RULE FOR DERIVATIVES

Use the power rule to take the derivative of each given function.
Cross out each solution on your bingo card.

B	I	N	G	O
$3x^2+18x+27$	$\frac{1}{\sqrt{x}}$	$\frac{-4\sqrt[3]{x}}{3}$	$3\sqrt{x}$	$4x^3-\frac{1}{2\sqrt{x}}$
$\frac{3\sqrt{x}}{2}$	$4x$	$\frac{-2}{3x^2}$	$32x^3-14x+8$	0
$32x^3-7$	$2x-4$	**FREE**	$-\frac{6}{x^4}$	$\frac{6}{x^4}-\frac{2}{x^3}+3$
$\frac{-5}{12\sqrt{x^3}}$	$25x^4-2$	$-36x^3$	$-\frac{20}{3x^6}$	$\frac{16\sqrt[3]{x}}{3}$
$\frac{1}{x^2}$	$4x-\frac{1}{x^2}$	$-\frac{10}{3x^3}$	-8	$4x^3-9x^2$

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POWER RULE FOR DERIVATIVES

Use the power rule to take the derivative of each given function.
Cross out each solution on your bingo card.

B	I	N	G	O
$\frac{1}{x^2}$	$-\frac{6}{x^4}$	$-36x^3$	$4x$	$4x^3-\frac{1}{2\sqrt{x}}$
$4x^3-9x^2$	$\frac{-4\sqrt[3]{x}}{3}$	$\frac{16\sqrt[3]{x}}{3}$	$\frac{3\sqrt{x}}{2}$	-8
$32x^3-14x+8$	$\frac{-2}{3x^2}$	**FREE**	$32x^3-7$	$\frac{-5}{12\sqrt{x^3}}$
$25x^4-2$	$3x^2+18x+27$	$2x-4$	$3\sqrt{x}$	$\frac{6}{x^4}-\frac{2}{x^3}+3$
$-\frac{10}{3x^3}$	$\frac{1}{\sqrt{x}}$	$-\frac{20}{3x^6}$	0	$4x-\frac{1}{x^2}$

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POWER RULE FOR DERIVATIVES

Use the power rule to take the derivative of each given function.
Cross out each solution on your bingo card.

B	I	N	G	O
$32x^3 - 14x + 8$	$\frac{-5}{12\sqrt{x^3}}$	$-\frac{20}{3x^6}$	$3x^2 + 18x + 27$	$-\frac{6}{x^4}$
$4x^3 - 9x^2$	0	-8	$\frac{16\sqrt[3]{x}}{3}$	$-36x^3$
$\frac{3\sqrt{x}}{2}$	$2x - 4$	**FREE**	$\frac{6}{x^4} - \frac{2}{x^3} + 3$	$4x - \frac{1}{x^2}$
$4x^3 - \frac{1}{2\sqrt{x}}$	$-\frac{10}{3x^3}$	$\frac{1}{x^2}$	$32x^3 - 7$	$3\sqrt{x}$
$25x^4 - 2$	$4x$	$\frac{-2}{3x^2}$	$\frac{-4\sqrt[3]{x}}{3}$	$\frac{1}{\sqrt{x}}$

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B	I	N	G	O
$\frac{6}{x^4}-\frac{2}{x^3}+3$	$-\frac{6}{x^4}$	$\frac{3\sqrt{x}}{2}$	$32x^3-7$	$3\sqrt{x}$
$32x^3-14x+8$	$\frac{1}{x^2}$	$\frac{-5}{12\sqrt{x^3}}$	$-36x^3$	$3x^2+18x+27$
$25x^4-2$	$2x-4$	**FREE**	$\frac{-4\sqrt[3]{x}}{3}$	$4x$
$\frac{1}{\sqrt{x}}$	$4x-\frac{1}{x^2}$	$4x^3-\frac{1}{2\sqrt{x}}$	$-\frac{10}{3x^3}$	0
$-\frac{20}{3x^6}$	-8	$\frac{16\sqrt[3]{x}}{3}$	$4x^3-9x^2$	$\frac{-2}{3x^2}$

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POWER RULE FOR DERIVATIVES

Use the power rule to take the derivative of each given function.
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B	I	N	G	O
$25x^4 - 2$	$\frac{1}{x^2}$	$\frac{6}{x^4} - \frac{2}{x^3} + 3$	$\frac{-5}{12\sqrt{x^3}}$	$4x^3 - \frac{1}{2\sqrt{x}}$
$-36x^3$	$2x - 4$	$4x - \frac{1}{x^2}$	$\frac{3\sqrt{x}}{2}$	0
$32x^3 - 14x + 8$	$3\sqrt{x}$	**FREE**	$\frac{-4\sqrt[3]{x}}{3}$	$32x^3 - 7$
$4x^3 - 9x^2$	$\frac{1}{\sqrt{x}}$	$4x$	$3x^2 + 18x + 27$	$-\frac{20}{3x^6}$
$\frac{-2}{3x^2}$	$-\frac{6}{x^4}$	$\frac{16\sqrt[3]{x}}{3}$	-8	$-\frac{10}{3x^3}$

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B	I	N	G	O
$3x^2+18x+27$	$4x^3-\frac{1}{2\sqrt{x}}$	$32x^3-14x+8$	$-36x^3$	$4x-\frac{1}{x^2}$
$25x^4-2$	$32x^3-7$	$-\frac{20}{3x^6}$	$\frac{1}{x^2}$	$\frac{-5}{12\sqrt{x^3}}$
$4x$	$-\frac{10}{3x^3}$	**FREE**	$-\frac{6}{x^4}$	$\frac{-4\sqrt[3]{x}}{3}$
$4x^3-9x^2$	$\frac{-2}{3x^2}$	-8	$\frac{3\sqrt{x}}{2}$	0
$2x-4$	$\frac{1}{\sqrt{x}}$	$\frac{6}{x^4}-\frac{2}{x^3}+3$	$\frac{16\sqrt[3]{x}}{3}$	$3\sqrt{x}$

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Use the power rule to take the derivative of each given function.
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B	I	N	G	O
$32x^3 - 7$	$\frac{-5}{12\sqrt{x^3}}$	$\frac{-4\sqrt[3]{x}}{3}$	$-\frac{10}{3x^3}$	$\frac{16\sqrt[3]{x}}{3}$
$\frac{1}{x^2}$	$4x^3 - \frac{1}{2\sqrt{x}}$	$\frac{1}{\sqrt{x}}$	$\frac{-2}{3x^2}$	$-36x^3$
$4x - \frac{1}{x^2}$	$4x^3 - 9x^2$	**FREE**	$\frac{3\sqrt{x}}{2}$	$32x^3 - 14x + 8$
$4x$	$\frac{6}{x^4} - \frac{2}{x^3} + 3$	-8	$-\frac{6}{x^4}$	$-\frac{20}{3x^6}$
$25x^4 - 2$	$3x^2 + 18x + 27$	$2x - 4$	$3\sqrt{x}$	0

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Use the power rule to take the derivative of each given function.
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B	I	N	G	O
$\frac{16\sqrt[3]{x}}{3}$	$32x^3-14x+8$	$2x-4$	$3x^2+18x+27$	$4x$
$\frac{3\sqrt{x}}{2}$	$25x^4-2$	$\frac{-5}{12\sqrt{x^3}}$	$\frac{1}{\sqrt{x}}$	$32x^3-7$
$-\frac{20}{3x^6}$	$-36x^3$	**FREE**	$3\sqrt{x}$	$4x^3-\frac{1}{2\sqrt{x}}$
$\frac{-2}{3x^2}$	$4x-\frac{1}{x^2}$	-8	$-\frac{10}{3x^3}$	$-\frac{6}{x^4}$
$\frac{6}{x^4}-\frac{2}{x^3}+3$	$\frac{-4\sqrt[3]{x}}{3}$	0	$\frac{1}{x^2}$	$4x^3-9x^2$

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B	I	N	G	O
$25x^4 - 2$	$\frac{1}{x^2}$	$3x^2 + 18x + 27$	$\frac{16\sqrt[3]{x}}{3}$	0
$-\frac{20}{3x^6}$	$\frac{-4\sqrt[3]{x}}{3}$	-8	$32x^3 - 14x + 8$	$4x - \frac{1}{x^2}$
$2x - 4$	$-\frac{10}{3x^3}$	**FREE**	$-\frac{6}{x^4}$	$-36x^3$
$32x^3 - 7$	$\frac{3\sqrt{x}}{2}$	$4x^3 - 9x^2$	$4x$	$\frac{6}{x^4} - \frac{2}{x^3} + 3$
$\frac{-2}{3x^2}$	$\frac{-5}{12\sqrt{x^3}}$	$4x^3 - \frac{1}{2\sqrt{x}}$	$\frac{1}{\sqrt{x}}$	$3\sqrt{x}$

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B	I	N	G	O
$\frac{-5}{12\sqrt{x^3}}$	$\frac{16\sqrt[3]{x}}{3}$	$2x-4$	-8	$4x-\frac{1}{x^2}$
$\frac{6}{x^4}-\frac{2}{x^3}+3$	$-\frac{6}{x^4}$	$\frac{1}{\sqrt{x}}$	$4x$	$32x^3-7$
$25x^4-2$	$\frac{-2}{3x^2}$	**FREE**	$-\frac{20}{3x^6}$	$32x^3-14x+8$
$4x^3-9x^2$	$3\sqrt{x}$	$4x^3-\frac{1}{2\sqrt{x}}$	$\frac{1}{x^2}$	$\frac{3\sqrt{x}}{2}$
$-\frac{10}{3x^3}$	$\frac{-4\sqrt[3]{x}}{3}$	$3x^2+18x+27$	$-36x^3$	0

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B	I	N	G	O
$32x^3 - 14x + 8$	$\frac{1}{x^2}$	$\frac{3\sqrt{x}}{2}$	$4x - \frac{1}{x^2}$	$-\frac{10}{3x^3}$
$3x^2 + 18x + 27$	$4x$	$-\frac{20}{3x^6}$	$\frac{-2}{3x^2}$	$2x - 4$
$\frac{-5}{12\sqrt{x^3}}$	$-\frac{6}{x^4}$	**FREE**	$\frac{6}{x^4} - \frac{2}{x^3} + 3$	0
$32x^3 - 7$	$25x^4 - 2$	-8	$3\sqrt{x}$	$\frac{1}{\sqrt{x}}$
$-36x^3$	$\frac{16\sqrt[3]{x}}{3}$	$4x^3 - \frac{1}{2\sqrt{x}}$	$4x^3 - 9x^2$	$\frac{-4\sqrt[3]{x}}{3}$

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B	I	N	G	O
$2x-4$	$\frac{3\sqrt{x}}{2}$	$\frac{1}{\sqrt{x}}$	$-36x^3$	$\frac{1}{x^2}$
$4x$	$4x^3-9x^2$	$32x^3-14x+8$	$25x^4-2$	$-\frac{10}{3x^3}$
$-\frac{6}{x^4}$	$32x^3-7$	**FREE**	0	$4x^3-\frac{1}{2\sqrt{x}}$
$\frac{-5}{12\sqrt{x^3}}$	$\frac{-4\sqrt[3]{x}}{3}$	$\frac{-2}{3x^2}$	$\frac{6}{x^4}-\frac{2}{x^3}+3$	$4x-\frac{1}{x^2}$
$3x^2+18x+27$	$\frac{16\sqrt[3]{x}}{3}$	-8	$-\frac{20}{3x^6}$	$3\sqrt{x}$

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B	I	N	G	O
$\frac{6}{x^4}-\frac{2}{x^3}+3$	$3x^2+18x+27$	$4x-\frac{1}{x^2}$	$-36x^3$	$\frac{1}{x^2}$
$4x$	$\frac{-5}{12\sqrt{x^3}}$	$3\sqrt{x}$	-8	$-\frac{20}{3x^6}$
$-\frac{10}{3x^3}$	$\frac{-4\sqrt[3]{x}}{3}$	**FREE**	$\frac{16\sqrt[3]{x}}{3}$	$32x^3-7$
$\frac{-2}{3x^2}$	$25x^4-2$	$2x-4$	$\frac{3\sqrt{x}}{2}$	$32x^3-14x+8$
0	$4x^3-\frac{1}{2\sqrt{x}}$	$-\frac{6}{x^4}$	$4x^3-9x^2$	$\frac{1}{\sqrt{x}}$

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B	I	N	G	O
$-\frac{20}{3x^6}$	$-\frac{10}{3x^3}$	$32x^3-14x+8$	$2x-4$	$\frac{3\sqrt{x}}{2}$
$3\sqrt{x}$	$\frac{1}{\sqrt{x}}$	-8	$3x^2+18x+27$	$\frac{-4\sqrt[3]{x}}{3}$
$32x^3-7$	$\frac{6}{x^4}-\frac{2}{x^3}+3$	**FREE**	$4x^3-\frac{1}{2\sqrt{x}}$	$4x^3-9x^2$
$\frac{-5}{12\sqrt{x^3}}$	$\frac{-2}{3x^2}$	$4x$	$4x-\frac{1}{x^2}$	$-36x^3$
0	$-\frac{6}{x^4}$	$\frac{1}{x^2}$	$25x^4-2$	$\frac{16\sqrt[3]{x}}{3}$

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B	I	N	G	O
$2x-4$	$-\frac{20}{3x^6}$	$\frac{-2}{3x^2}$	$-36x^3$	$\frac{6}{x^4}-\frac{2}{x^3}+3$
$-\frac{10}{3x^3}$	$25x^4-2$	$\frac{-5}{12\sqrt{x^3}}$	$3\sqrt{x}$	$-\frac{6}{x^4}$
$\frac{16\sqrt[3]{x}}{3}$	$\frac{1}{\sqrt{x}}$	**FREE**	$\frac{3\sqrt{x}}{2}$	$\frac{-4\sqrt[3]{x}}{3}$
$\frac{1}{x^2}$	$3x^2+18x+27$	-8	$4x-\frac{1}{x^2}$	$4x^3-\frac{1}{2\sqrt{x}}$
0	$32x^3-14x+8$	$4x$	$32x^3-7$	$4x^3-9x^2$

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B	I	N	G	O
$\frac{16\sqrt[3]{x}}{3}$	$\frac{1}{\sqrt{x}}$	$2x-4$	$\frac{-4\sqrt[3]{x}}{3}$	$32x^3-14x+8$
$4x^3-\frac{1}{2\sqrt{x}}$	$-\frac{10}{3x^3}$	$3x^2+18x+27$	$25x^4-2$	$4x^3-9x^2$
$-36x^3$	0	**FREE**	$32x^3-7$	$4x$
$\frac{-2}{3x^2}$	-8	$\frac{3\sqrt{x}}{2}$	$3\sqrt{x}$	$-\frac{20}{3x^6}$
$\frac{-5}{12\sqrt{x^3}}$	$-\frac{6}{x^4}$	$\frac{1}{x^2}$	$\frac{6}{x^4}-\frac{2}{x^3}+3$	$4x-\frac{1}{x^2}$

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B	I	N	G	O
$4x^3 - 9x^2$	$\frac{-4\sqrt[3]{x}}{3}$	0	$3x^2 + 18x + 27$	$32x^3 - 7$
$3\sqrt{x}$	$-36x^3$	$-\frac{20}{3x^6}$	$\frac{3\sqrt{x}}{2}$	$32x^3 - 14x + 8$
$2x - 4$	$\frac{1}{\sqrt{x}}$	**FREE**	$\frac{1}{x^2}$	$4x^3 - \frac{1}{2\sqrt{x}}$
$25x^4 - 2$	$4x - \frac{1}{x^2}$	$4x$	$\frac{16\sqrt[3]{x}}{3}$	-8
$-\frac{6}{x^4}$	$\frac{6}{x^4} - \frac{2}{x^3} + 3$	$-\frac{10}{3x^3}$	$\frac{-5}{12\sqrt{x^3}}$	$\frac{-2}{3x^2}$

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B	I	N	G	O
$\frac{1}{x^2}$	$-36x^3$	$\frac{1}{\sqrt{x}}$	$\frac{-2}{3x^2}$	$4x^3-\frac{1}{2\sqrt{x}}$
$2x-4$	$\frac{6}{x^4}-\frac{2}{x^3}+3$	$3x^2+18x+27$	$\frac{16\sqrt[3]{x}}{3}$	$25x^4-2$
$-\frac{6}{x^4}$	$-\frac{20}{3x^6}$	**FREE**	$32x^3-14x+8$	$-\frac{10}{3x^3}$
$4x$	0	$3\sqrt{x}$	$\frac{-5}{12\sqrt{x^3}}$	$4x^3-9x^2$
$4x-\frac{1}{x^2}$	$\frac{3\sqrt{x}}{2}$	$\frac{-4\sqrt[3]{x}}{3}$	$32x^3-7$	-8

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B	I	N	G	O
$-\frac{10}{3x^3}$	$\frac{1}{\sqrt{x}}$	$4x^3-\frac{1}{2\sqrt{x}}$	$\frac{16\sqrt[3]{x}}{3}$	$-\frac{6}{x^4}$
$2x-4$	$25x^4-2$	$\frac{-5}{12\sqrt{x^3}}$	$\frac{1}{x^2}$	$\frac{-2}{3x^2}$
$3\sqrt{x}$	$4x$	**FREE**	$4x^3-9x^2$	$\frac{6}{x^4}-\frac{2}{x^3}+3$
$-36x^3$	$-\frac{20}{3x^6}$	$4x-\frac{1}{x^2}$	$3x^2+18x+27$	-8
$\frac{3\sqrt{x}}{2}$	0	$32x^3-14x+8$	$32x^3-7$	$\frac{-4\sqrt[3]{x}}{3}$

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Use the power rule to take the derivative of each given function.
Cross out each solution on your bingo card.

B	I	N	G	O
$\frac{6}{x^4}-\frac{2}{x^3}+3$	$-36x^3$	$4x-\frac{1}{x^2}$	$3x^2+18x+27$	$25x^4-2$
-8	$-\frac{20}{3x^6}$	$4x$	$4x^3-\frac{1}{2\sqrt{x}}$	$\frac{1}{\sqrt{x}}$
$\frac{-4\sqrt[3]{x}}{3}$	$32x^3-7$	**FREE**	$3\sqrt{x}$	$-\frac{10}{3x^3}$
$-\frac{6}{x^4}$	$4x^3-9x^2$	$2x-4$	$32x^3-14x+8$	$\frac{1}{x^2}$
$\frac{-5}{12\sqrt{x^3}}$	$\frac{-2}{3x^2}$	0	$\frac{3\sqrt{x}}{2}$	$\frac{16\sqrt[3]{x}}{3}$

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B	I	N	G	O
$4x$	$\frac{-4\sqrt[3]{x}}{3}$	$4x^3 - \frac{1}{2\sqrt{x}}$	$\frac{-5}{12\sqrt{x^3}}$	$4x^3 - 9x^2$
$\frac{-2}{3x^2}$	$-\frac{6}{x^4}$	$3x^2 + 18x + 27$	$\frac{16\sqrt[3]{x}}{3}$	$-\frac{20}{3x^6}$
$-\frac{10}{3x^3}$	$32x^3 - 7$	**FREE**	$2x - 4$	$4x - \frac{1}{x^2}$
$\frac{3\sqrt{x}}{2}$	-8	$25x^4 - 2$	$\frac{1}{\sqrt{x}}$	$\frac{6}{x^4} - \frac{2}{x^3} + 3$
$32x^3 - 14x + 8$	$3\sqrt{x}$	$\frac{1}{x^2}$	$-36x^3$	0

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$\frac{6}{x^4}-\frac{2}{x^3}+3$	$\frac{1}{x^2}$	$\frac{1}{\sqrt{x}}$	$\frac{-5}{12\sqrt{x^3}}$	$4x^3-\frac{1}{2\sqrt{x}}$
$-\frac{10}{3x^3}$	$\frac{3\sqrt{x}}{2}$	$32x^3-14x+8$	$32x^3-7$	$4x$
$4x-\frac{1}{x^2}$	$-\frac{20}{3x^6}$	**FREE**	$\frac{-4\sqrt[3]{x}}{3}$	0
$3x^2+18x+27$	$-\frac{6}{x^4}$	$3\sqrt{x}$	$\frac{16\sqrt[3]{x}}{3}$	$4x^3-9x^2$
$25x^4-2$	-8	$-36x^3$	$\frac{-2}{3x^2}$	$2x-4$

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$32x^3 - 14x + 8$	$-\frac{20}{3x^6}$	$32x^3 - 7$	$\frac{3\sqrt{x}}{2}$	$\frac{16\sqrt[3]{x}}{3}$
$\frac{6}{x^4} - \frac{2}{x^3} + 3$	$-36x^3$	$4x^3 - \frac{1}{2\sqrt{x}}$	0	$-\frac{10}{3x^3}$
$25x^4 - 2$	$3x^2 + 18x + 27$	**FREE**	$\frac{-4\sqrt[3]{x}}{3}$	$\frac{1}{x^2}$
$\frac{-2}{3x^2}$	$\frac{1}{\sqrt{x}}$	-8	$-\frac{6}{x^4}$	$2x - 4$
$4x$	$4x - \frac{1}{x^2}$	$3\sqrt{x}$	$\frac{-5}{12\sqrt{x^3}}$	$4x^3 - 9x^2$

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$\frac{-4\sqrt[3]{x}}{3}$	$32x^3-14x+8$	$-\frac{6}{x^4}$	$\frac{3\sqrt{x}}{2}$	$4x^3-9x^2$
$\frac{6}{x^4}-\frac{2}{x^3}+3$	$2x-4$	$-\frac{10}{3x^3}$	$\frac{1}{\sqrt{x}}$	$3\sqrt{x}$
$\frac{-2}{3x^2}$	$-36x^3$	**FREE**	$4x-\frac{1}{x^2}$	-8
$32x^3-7$	0	$4x^3-\frac{1}{2\sqrt{x}}$	$4x$	$\frac{1}{x^2}$
$\frac{-5}{12\sqrt{x^3}}$	$-\frac{20}{3x^6}$	$3x^2+18x+27$	$\frac{16\sqrt[3]{x}}{3}$	$25x^4-2$

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$\frac{-5}{12\sqrt{x^3}}$	$\frac{-4\sqrt[3]{x}}{3}$	$\frac{16\sqrt[3]{x}}{3}$	$32x^3-14x+8$	$-\frac{20}{3x^6}$
$-\frac{10}{3x^3}$	$3x^2+18x+27$	**FREE**	$\frac{-2}{3x^2}$	$32x^3-7$
$\frac{6}{x^4}-\frac{2}{x^3}+3$	$-36x^3$	$25x^4-2$	$2x-4$	$4x^3-9x^2$
$4x$	$3\sqrt{x}$	$\frac{1}{\sqrt{x}}$	0	$\frac{1}{x^2}$

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$\frac{-4\sqrt[3]{x}}{3}$	$-\frac{6}{x^4}$	$\frac{-5}{12\sqrt{x^3}}$	$\frac{1}{\sqrt{x}}$	$3x^2+18x+27$
$-\frac{20}{3x^6}$	-8	$\frac{1}{x^2}$	$4x^3-9x^2$	$4x-\frac{1}{x^2}$
$\frac{-2}{3x^2}$	$4x$	**FREE**	$4x^3-\frac{1}{2\sqrt{x}}$	$3\sqrt{x}$
$\frac{3\sqrt{x}}{2}$	$32x^3-14x+8$	$-36x^3$	$32x^3-7$	$2x-4$
$-\frac{10}{3x^3}$	0	$\frac{16\sqrt[3]{x}}{3}$	$\frac{6}{x^4}-\frac{2}{x^3}+3$	$25x^4-2$

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-8	$-\frac{10}{3x^3}$	$\frac{1}{x^2}$	$4x$	$\frac{3\sqrt{x}}{2}$
$32x^3-7$	$-\frac{6}{x^4}$	**FREE**	$-\frac{20}{3x^6}$	$25x^4-2$
$\frac{-5}{12\sqrt{x^3}}$	$3\sqrt{x}$	$\frac{-4\sqrt[3]{x}}{3}$	0	$\frac{16\sqrt[3]{x}}{3}$
$\frac{-2}{3x^2}$	$2x-4$	$\frac{1}{\sqrt{x}}$	$4x^3-\frac{1}{2\sqrt{x}}$	$4x-\frac{1}{x^2}$

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$-\frac{6}{x^4}$	$-36x^3$	$32x^3-14x+8$	$4x^3-9x^2$	$-\frac{20}{3x^6}$
0	$\frac{1}{\sqrt{x}}$	$2x-4$	$-\frac{10}{3x^3}$	$\frac{6}{x^4}-\frac{2}{x^3}+3$
$\frac{16\sqrt[3]{x}}{3}$	$3\sqrt{x}$	**FREE**	$3x^2+18x+27$	$\frac{-5}{12\sqrt{x^3}}$
-8	$\frac{-4\sqrt[3]{x}}{3}$	$4x-\frac{1}{x^2}$	$\frac{1}{x^2}$	$4x^3-\frac{1}{2\sqrt{x}}$
$4x$	$\frac{3\sqrt{x}}{2}$	$\frac{-2}{3x^2}$	$32x^3-7$	$25x^4-2$

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B	I	N	G	O
-8	$-36x^3$	$\frac{1}{\sqrt{x}}$	$25x^4-2$	$3x^2+18x+27$
$\frac{16\sqrt[3]{x}}{3}$	$\frac{3\sqrt{x}}{2}$	$\frac{1}{x^2}$	$4x-\frac{1}{x^2}$	$4x^3-9x^2$
$32x^3-7$	$\frac{-2}{3x^2}$	**FREE**	$\frac{6}{x^4}-\frac{2}{x^3}+3$	$\frac{-5}{12\sqrt{x^3}}$
$-\frac{10}{3x^3}$	$-\frac{20}{3x^6}$	$-\frac{6}{x^4}$	$4x$	$4x^3-\frac{1}{2\sqrt{x}}$
$3\sqrt{x}$	$32x^3-14x+8$	$2x-4$	0	$\frac{-4\sqrt[3]{x}}{3}$

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$4x^3 - \frac{1}{2\sqrt{x}}$	$4x^3 - 9x^2$	$-36x^3$	$\frac{-5}{12\sqrt{x^3}}$	$3\sqrt{x}$
$32x^3 - 14x + 8$	$25x^4 - 2$	$3x^2 + 18x + 27$	$\frac{1}{\sqrt{x}}$	$\frac{3\sqrt{x}}{2}$
$4x$	$-\frac{20}{3x^6}$	**FREE**	$\frac{16\sqrt[3]{x}}{3}$	$-\frac{6}{x^4}$
$-\frac{10}{3x^3}$	$\frac{1}{x^2}$	0	$\frac{6}{x^4} - \frac{2}{x^3} + 3$	$32x^3 - 7$
$4x - \frac{1}{x^2}$	$2x - 4$	$\frac{-2}{3x^2}$	$\frac{-4\sqrt[3]{x}}{3}$	-8

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$\frac{1}{\sqrt{x}}$	$-\frac{6}{x^4}$	$\frac{-5}{12\sqrt{x^3}}$	$4x-\frac{1}{x^2}$	$2x-4$
$25x^4-2$	$\frac{6}{x^4}-\frac{2}{x^3}+3$	$\frac{-2}{3x^2}$	0	$-\frac{10}{3x^3}$
$3\sqrt{x}$	$-36x^3$	**FREE**	$\frac{-4\sqrt[3]{x}}{3}$	$4x$
$\frac{16\sqrt[3]{x}}{3}$	$3x^2+18x+27$	$\frac{1}{x^2}$	-8	$4x^3-9x^2$
$32x^3-14x+8$	$\frac{3\sqrt{x}}{2}$	$-\frac{20}{3x^6}$	$4x^3-\frac{1}{2\sqrt{x}}$	$32x^3-7$

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$4x^3 - 9x^2$	$25x^4 - 2$	$\frac{-2}{3x^2}$	$-\frac{20}{3x^6}$	$2x - 4$
$32x^3 - 14x + 8$	$32x^3 - 7$	$\frac{1}{\sqrt{x}}$	$4x^3 - \frac{1}{2\sqrt{x}}$	$4x$
$\frac{-4\sqrt[3]{x}}{3}$	$-36x^3$	**FREE**	$\frac{6}{x^4} - \frac{2}{x^3} + 3$	$-\frac{6}{x^4}$
$3x^2 + 18x + 27$	$-\frac{10}{3x^3}$	0	$\frac{3\sqrt{x}}{2}$	$\frac{1}{x^2}$
$\frac{16\sqrt[3]{x}}{3}$	-8	$4x - \frac{1}{x^2}$	$\frac{-5}{12\sqrt{x^3}}$	$3\sqrt{x}$

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$4x^3 - 9x^2$	$32x^3 - 7$	$\frac{1}{\sqrt{x}}$	$-\frac{6}{x^4}$	$3x^2 + 18x + 27$
$25x^4 - 2$	$-\frac{20}{3x^6}$	$\frac{1}{x^2}$	$32x^3 - 14x + 8$	$\frac{16\sqrt[3]{x}}{3}$
$\frac{6}{x^4} - \frac{2}{x^3} + 3$	$3\sqrt{x}$	**FREE**	$4x - \frac{1}{x^2}$	$2x - 4$
-8	$\frac{3\sqrt{x}}{2}$	$\frac{-2}{3x^2}$	$-\frac{10}{3x^3}$	0
$\frac{-4\sqrt[3]{x}}{3}$	$\frac{-5}{12\sqrt{x^3}}$	$4x^3 - \frac{1}{2\sqrt{x}}$	$-36x^3$	$4x$

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$-\frac{20}{3x^6}$	$\frac{-2}{3x^2}$	$32x^3-7$	$\frac{6}{x^4}-\frac{2}{x^3}+3$	$\frac{1}{x^2}$
$4x-\frac{1}{x^2}$	$-36x^3$	-8	$32x^3-14x+8$	$4x$
$3x^2+18x+27$	$3\sqrt{x}$	**FREE**	$-\frac{6}{x^4}$	$-\frac{10}{3x^3}$
$4x^3-9x^2$	$\frac{3\sqrt{x}}{2}$	$\frac{1}{\sqrt{x}}$	$\frac{-5}{12\sqrt{x^3}}$	0
$4x^3-\frac{1}{2\sqrt{x}}$	$\frac{-4\sqrt[3]{x}}{3}$	$25x^4-2$	$2x-4$	$\frac{16\sqrt[3]{x}}{3}$

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$32x^3 - 14x + 8$	$\frac{16\sqrt[3]{x}}{3}$	$4x$	$4x - \frac{1}{x^2}$	-8
$\frac{-2}{3x^2}$	$\frac{-5}{12\sqrt{x^3}}$	$\frac{3\sqrt{x}}{2}$	$4x^3 - \frac{1}{2\sqrt{x}}$	$-36x^3$
$25x^4 - 2$	$32x^3 - 7$	**FREE**	$-\frac{6}{x^4}$	$3x^2 + 18x + 27$
$\frac{1}{x^2}$	$-\frac{10}{3x^3}$	$\frac{6}{x^4} - \frac{2}{x^3} + 3$	$4x^3 - 9x^2$	$\frac{-4\sqrt[3]{x}}{3}$
0	$-\frac{20}{3x^6}$	$3\sqrt{x}$	$\frac{1}{\sqrt{x}}$	$2x - 4$

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$32x^3-7$	$-\frac{20}{3x^6}$	$-\frac{10}{3x^3}$	$\frac{-5}{12\sqrt{x^3}}$	$-36x^3$
$32x^3-14x+8$	$\frac{16\sqrt[3]{x}}{3}$	**FREE**	$4x$	0
$4x-\frac{1}{x^2}$	$\frac{-2}{3x^2}$	$\frac{1}{\sqrt{x}}$	$\frac{1}{x^2}$	$3\sqrt{x}$
$-\frac{6}{x^4}$	$\frac{-4\sqrt[3]{x}}{3}$	$\frac{6}{x^4}-\frac{2}{x^3}+3$	$\frac{3\sqrt{x}}{2}$	$2x-4$

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$4x - \frac{1}{x^2}$	$\frac{1}{x^2}$	$\frac{1}{\sqrt{x}}$	$3\sqrt{x}$	-8
$3x^2 + 18x + 27$	$-\frac{10}{3x^3}$	**FREE**	$\frac{-4\sqrt[3]{x}}{3}$	$4x^3 - \frac{1}{2\sqrt{x}}$
$4x^3 - 9x^2$	$-\frac{20}{3x^6}$	0	$\frac{6}{x^4} - \frac{2}{x^3} + 3$	$32x^3 - 14x + 8$
$\frac{16\sqrt[3]{x}}{3}$	$2x - 4$	$-\frac{6}{x^4}$	$-36x^3$	$25x^4 - 2$

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$25x^4 - 2$	$4x$	$3x^2 + 18x + 27$	$\frac{-2}{3x^2}$	-8
$4x - \frac{1}{x^2}$	$4x^3 - \frac{1}{2\sqrt{x}}$	$\frac{6}{x^4} - \frac{2}{x^3} + 3$	$-\frac{20}{3x^6}$	$4x^3 - 9x^2$
$\frac{16\sqrt[3]{x}}{3}$	$3\sqrt{x}$	**FREE**	$\frac{-5}{12\sqrt{x^3}}$	$-36x^3$
$\frac{1}{\sqrt{x}}$	$-\frac{6}{x^4}$	$32x^3 - 7$	$32x^3 - 14x + 8$	0
$\frac{-4\sqrt[3]{x}}{3}$	$-\frac{10}{3x^3}$	$2x - 4$	$\frac{1}{x^2}$	$\frac{3\sqrt{x}}{2}$

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-8	$\frac{6}{x^4} - \frac{2}{x^3} + 3$	$4x$	$4x - \frac{1}{x^2}$	$-\frac{20}{3x^6}$
$\frac{-4\sqrt[3]{x}}{3}$	$\frac{3\sqrt{x}}{2}$	**FREE**	$-\frac{10}{3x^3}$	$3\sqrt{x}$
$32x^3 - 7$	$4x^3 - 9x^2$	$\frac{1}{\sqrt{x}}$	$2x - 4$	$\frac{1}{x^2}$
$\frac{16\sqrt[3]{x}}{3}$	0	$\frac{-2}{3x^2}$	$\frac{-5}{12\sqrt{x^3}}$	$25x^4 - 2$

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