



Basic Derivatives - Negative Integer Power with Coefficient as Division (with Rule) to Rewrite

<p>1 Rewrite the function as a single power of x.</p> $\frac{1}{x^n} = x^{-n}$ $f(x) = \frac{5}{x^2}$	<p>A</p> $5x^2$	<p>B</p> $5x^{-2}$	<p>C</p> $-5x^{-2}$	<p>2 Rewrite the function as a single power of x.</p> $\frac{1}{x^n} = x^{-n}$ $f(x) = -\frac{9}{x^1}$	<p>A</p> $9x^{-1}$	<p>B</p> $-9x^{-1}$	<p>C</p> $-9x$
<p>3 Rewrite the function as a single power of x.</p> $\frac{1}{x^n} = x^{-n}$ $f(x) = \frac{8}{x^5}$	<p>A</p> $-8x^{-5}$	<p>B</p> $8x^5$	<p>C</p> $8x^{-\frac{1}{5}}$	<p>4 Rewrite the function as a single power of x.</p> $\frac{1}{x^n} = x^{-n}$ $f(x) = \frac{5}{x^4}$	<p>A</p> $5x^{-4}$	<p>B</p> $-5x^{-4}$	<p>C</p> $5x^{-\frac{1}{4}}$
<p>5 Rewrite the function as a single power of x.</p> $\frac{1}{x^n} = x^{-n}$ $f(x) = \frac{6}{x^3}$	<p>A</p> $6x^{-\frac{1}{3}}$	<p>B</p> $-6x^{-3}$	<p>C</p> $6x^3$	<p>6 Rewrite the function as a single power of x.</p> $\frac{1}{x^n} = x^{-n}$ $f(x) = \frac{5}{x^5}$	<p>A</p> $-5x^{-5}$	<p>B</p> $5x^{-\frac{1}{5}}$	<p>C</p> $5x^{-5}$
<p>7 Rewrite the function as a single power of x.</p> $\frac{1}{x^n} = x^{-n}$ $f(x) = -\frac{2}{x^1}$	<p>A</p> $-2x^{-1}$	<p>B</p> $-2x$	<p>C</p> $2x^{-1}$	<p>8 Rewrite the function as a single power of x.</p> $\frac{1}{x^n} = x^{-n}$ $f(x) = -\frac{3}{x^4}$	<p>A</p> $-3x^{-\frac{1}{4}}$	<p>B</p> $-3x^4$	<p>C</p> $-3x^{-4}$
					<p>D</p> $3x^{-4}$		