



Basic Derivatives - Negative Fractional Power with Coefficient as Radical to

Rewrite

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