



Radicals - Division with Mixed Index and Power of Radicand (Fraction) - Radical

over Radical

<p>1 What does this radical expression simplify to?</p> $\frac{\sqrt{9^3}}{\sqrt[3]{8^4}}$	<p>A $\frac{27}{16}$</p> <p>D $\frac{15}{14}$</p>	<p>B $\frac{35}{11}$</p> <p>E $\frac{3}{2}$</p>	<p>C $\frac{31}{26}$</p>	<p>2 What does this radical expression simplify to?</p> $\frac{\sqrt{16^3}}{\sqrt[3]{36^3}}$	<p>A $\frac{16}{9}$</p> <p>D $\frac{49}{17}$</p>	<p>B $\frac{20}{7}$</p> <p>E $\frac{25}{22}$</p>	<p>C $\frac{122}{43}$</p>
<p>3 What does this radical expression simplify to?</p> $\frac{\sqrt[3]{81^3}}{\sqrt{9^3}}$	<p>A 3</p> <p>D $\frac{1}{7}$</p>	<p>B $\frac{33}{16}$</p> <p>E $\frac{67}{41}$</p>	<p>C $\frac{18}{7}$</p>	<p>4 What does this radical expression simplify to?</p> $\frac{\sqrt[3]{81^3}}{\sqrt{216^2}}$	<p>A $\frac{3}{8}$</p> <p>D $\frac{135}{352}$</p>	<p>B 1</p> <p>E $\frac{47}{128}$</p>	<p>C $\frac{14}{45}$</p>
<p>5 What does this radical expression simplify to?</p> $\frac{\sqrt[3]{8^5}}{\sqrt{36^3}}$	<p>A $\frac{9}{86}$</p> <p>D $\frac{29}{28}$</p>	<p>B $\frac{3}{8}$</p> <p>E $\frac{4}{27}$</p>	<p>C $\frac{2}{185}$</p>	<p>6 What does this radical expression simplify to?</p> $\frac{\sqrt[3]{16^3}}{\sqrt{64^2}}$	<p>A $\frac{22}{117}$</p> <p>D $\frac{1}{4}$</p>	<p>B $\frac{3}{40}$</p> <p>E $\frac{29}{70}$</p>	<p>C $\frac{27}{80}$</p>
<p>7 What does this radical expression simplify to?</p> $\frac{\sqrt[3]{8^4}}{\sqrt{4^3}}$	<p>A $\frac{7}{11}$</p> <p>D 2</p>	<p>B $\frac{13}{5}$</p> <p>E 1</p>	<p>C $\frac{7}{9}$</p>	<p>8 What does this radical expression simplify to?</p> $\frac{\sqrt[3]{216^2}}{\sqrt{64^2}}$	<p>A $\frac{9}{16}$</p> <p>D $\frac{7}{4}$</p>	<p>B $\frac{19}{112}$</p> <p>E $\frac{3}{109}$</p>	<p>C $\frac{19}{41}$</p>