

## Practice Rationalizing the Denominator

Date \_\_\_\_\_ Period \_\_\_\_\_

**Simplify.**

1)  $\frac{4}{\sqrt{3}}$

2)  $\frac{\sqrt{3}}{\sqrt{2}}$

3)  $\frac{3\sqrt{2}}{\sqrt{3}}$

4)  $\frac{3\sqrt{8}}{4\sqrt{10}}$

5)  $\frac{2\sqrt{2}}{\sqrt{5}}$

6)  $\frac{\sqrt{12}}{3\sqrt{15}}$

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**Simplify.**

1)  $\frac{4}{\sqrt{3}} \frac{4\sqrt{3}}{3}$

2)  $\frac{\sqrt{3}}{\sqrt{2}} \frac{\sqrt{6}}{2}$

3)  $\frac{3\sqrt{2}}{\sqrt{3}} \sqrt{6}$

4)  $\frac{3\sqrt{8}}{4\sqrt{10}} \frac{3\sqrt{5}}{10}$

5)  $\frac{2\sqrt{2}}{\sqrt{5}} \frac{2\sqrt{10}}{5}$

6)  $\frac{\sqrt{12}}{3\sqrt{15}} \frac{2\sqrt{5}}{15}$