

**1.4B Rationalizing Denominators & Add/Subtract Radicals Practice**

**Rationalize each denominator. When possible, simplify by reducing the resulting fraction.**

Ex..  $\frac{1}{\sqrt{2}} \cdot \frac{\sqrt{2}}{\sqrt{2}} = \frac{\sqrt{2}}{\sqrt{4}} = \frac{\sqrt{2}}{2}$

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

3.  $\frac{1}{\sqrt{7}}$

4.  $\frac{6}{\sqrt{2}}$

5.  $\frac{15}{\sqrt{5}}$

6.  $\frac{42}{\sqrt{7}}$

7.  $\frac{1}{\sqrt{81}}$

8.  $\frac{2}{\sqrt{11}}$

9.  $\frac{4}{\sqrt{2}}$

10.  $\frac{1}{\sqrt{3}}$

11.  $\frac{1}{\sqrt{225}}$

12.  $\frac{1}{3\sqrt{16}}$