

Rationalizing Denominators Worksheet**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. $\frac{1}{3\sqrt{16}}$

13. $\frac{8}{3\sqrt{2}}$

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

15. $\frac{1}{\sqrt{2}}$

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

17. $\frac{11}{\sqrt{121}}$

18. $\frac{12}{\sqrt{36}}$

19. $\frac{2}{\sqrt{300}}$

20. $\frac{1}{3\sqrt{2}}$

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

22. $\frac{18}{\sqrt{27}}$

23. $\frac{6}{2\sqrt{7}}$

24. $\frac{8}{3\sqrt{2}}$