

NAME _____

DATE _____

Module 17 Simplifying Radical Expressions
Lesson 4 Dividing Radicals

**additional
practice**

Simplify the expression.

1. $\sqrt{\frac{36}{49}}$

2. $\sqrt{\frac{100}{64}}$

3. $\frac{\sqrt{56}}{\sqrt{8}}$

4. $\frac{\sqrt{16}}{\sqrt{x^2}}$

5. $\frac{10}{\sqrt{y^2}}$

6. $\frac{\sqrt{75}}{\sqrt{15}}$

7. $\frac{\sqrt{4}}{\sqrt{64}}$

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

9. $\frac{\sqrt{7}}{\sqrt{11}}$

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

11. $\frac{\sqrt{10}}{\sqrt{11}}$

12. $\frac{\sqrt{7}}{\sqrt{14}}$

13. $\frac{1}{\sqrt{48}}$

14. $\sqrt{\frac{6}{32}}$

15. $\frac{\sqrt{a^2}}{\sqrt{5}}$

16. $\frac{\sqrt{2n^2}}{\sqrt{10}}$

17. $\frac{7}{\sqrt{5} + \sqrt{2}}$

18. $\frac{17}{\sqrt{11} - \sqrt{6}}$

19. $\frac{15}{\sqrt{20} + \sqrt{17}}$

20. $\frac{\sqrt{5}}{\sqrt{5} - \sqrt{3}}$



