

EXTRA PRACTICE 14
Operations with Fractional Notation
Use after Sections 3.4-3.7, 4.2 and 4.3

Name _____

Perform the indicated operations. Simplify, if possible.

1. $\frac{3}{4} \cdot \frac{7}{8} =$ _____ 2. $\frac{1}{2} \div \frac{1}{4} =$ _____ 3. $\frac{3}{5} + \frac{4}{5} =$ _____

4. $\frac{15}{8} - \frac{5}{8} =$ _____ 5. $\frac{5}{2} \div \frac{3}{8} =$ _____ 6. $5 \cdot \frac{4}{7} =$ _____

7. $\frac{4}{3} + \frac{1}{2} =$ _____ 8. $\frac{3}{7} \div 4 =$ _____ 9. $\frac{9}{11} - \frac{1}{3} =$ _____

10. $\frac{8}{7} \cdot \frac{21}{16} =$ _____ 11. $\frac{7}{5} - \frac{4}{3} =$ _____ 12. $\frac{4}{9} + \frac{6}{27} =$ _____

13. $5 \div \frac{5}{13} =$ _____ 14. $\frac{5}{13} \div 5 =$ _____ 15. $\frac{9}{10} + \frac{3}{7} =$ _____

16. $\frac{13}{16} - \frac{5}{8} =$ _____ 17. $\frac{11}{15} \times \frac{5}{22} =$ _____ 18. $\frac{26}{20} - \frac{2}{3} =$ _____

19. $\frac{3}{5} \div \frac{9}{10} =$ _____ 20. $4 + \frac{3}{7} =$ _____ 21. $\frac{11}{25} + \frac{3}{4} =$ _____

22. $\frac{15}{24} \times \frac{6}{25} =$ _____ 23. $\frac{5}{4} \cdot 16 =$ _____ 24. $\frac{1}{6} + \frac{5}{8} =$ _____

25. $\frac{8}{15} - \frac{2}{10} =$ _____ 26. $\frac{6}{7} \div 6 =$ _____ 27. $6 \div \frac{6}{7} =$ _____

28. $\frac{1}{9} \cdot \frac{9}{10} =$ _____ 29. $\frac{1}{6} \cdot \frac{1}{8} =$ _____ 30. $\frac{2}{5} + 10 =$ _____