

# 5-24

$$-7 \frac{14}{21}$$

$$5. \frac{1}{2} \times \frac{44}{14} = \frac{44}{28} = \frac{11}{7}$$

$$6. \frac{1}{3} \times \frac{93}{105} = \frac{93}{315} = \frac{31}{105}$$

$$7. \frac{3}{42} \times \frac{21}{5} = \frac{3}{20} = \frac{3}{20}$$

$$8. \frac{11}{8} \times \frac{1}{4} = \frac{11}{32}$$

$$9. \frac{20}{6} \times \frac{12}{5} = \frac{240}{30} = 8 \quad \frac{240}{30} = \frac{160}{20} = \frac{80}{10} = 8$$

$$10. \frac{210}{39} \times \frac{124}{21} = \frac{8}{3} = 2 \frac{2}{3}$$

$$11. 5 \frac{1}{4} \times 8 = 42 = 21 = 14 = 7$$

$$12. 14 \times 3 \frac{5}{6} \quad 14 \times 3 = 42 \quad 3 \times \frac{5}{6} = 2 \frac{3}{6} = 1 \frac{1}{2}, 2 \frac{3}{6} \\ 42 + 2 \frac{3}{6} = 44 \frac{3}{6} = 44 \frac{1}{2}$$

$$13. 17 \times 2 = 34 \quad 2 \times \frac{5}{8} = 1 \frac{2}{8} = 1 \frac{1}{4} \quad 34 + 1 \frac{1}{4} = 35 \frac{1}{4}$$

$$14. \frac{2}{9} \div \frac{1}{4} \quad \frac{2}{9} \times \frac{4}{1} = \frac{8}{9}$$

$$15. \frac{7}{12} \div \frac{2}{1} \quad \frac{7}{12} \times \frac{1}{2} = \frac{7}{24}$$

$$16. \frac{3}{10} \div \frac{9}{1} \quad \frac{3}{10} \times \frac{1}{9} = \frac{3}{90} = \frac{1}{30}$$

$$17. \frac{15}{19} \div \frac{5}{1} \quad \frac{15}{19} \times \frac{1}{5} = \frac{15}{95}$$

$$18. \frac{6}{1} \div \frac{1}{4} \quad \frac{6}{1} \times \frac{4}{1} = 24 = 24$$

$$19. \frac{5}{1} \div \frac{1}{5} = \frac{5}{1} \times \frac{5}{1} = 25 = 25$$

$$20. \frac{10}{1} \div \frac{1}{2} \quad \frac{10}{1} \times \frac{2}{1} = 20 = 20$$

$$21. \frac{6}{1} \div \frac{1}{8} \quad \frac{6}{1} \times \frac{8}{1} = 48 = 48$$