

Name _____ Period _____ Date _____

Practice Test Chapter 3 Part 2

Multiply the following fractions. Reduce your answers, if possible.

1. $\frac{5}{6} \times \frac{2}{3}$

2. $\frac{4}{7} \times \frac{7}{8}$

3. $\frac{4}{9} \times \frac{3}{5}$

4. $5\frac{1}{3} \times \frac{1}{7}$

5. $\frac{6}{10} \times \frac{2}{3}$

6. $7\frac{2}{5} \times \frac{1}{3}$

7. $9 \times \frac{4}{5}$

8. $1\frac{3}{4} \times \frac{1}{4}$

9. $8\frac{5}{6} \times 1\frac{1}{5}$

Divide the following fractions. Reduce your answers, if possible.

10. $\frac{5}{6} \div \frac{1}{2}$

11. $\frac{4}{10} \div \frac{2}{5}$

12. $\frac{6}{7} \div \frac{1}{3}$

13. $4\frac{2}{3} \div \frac{2}{3}$

14. $5 \div \frac{2}{3}$

15. $3\frac{1}{4} \div 2\frac{1}{3}$

Use the distributive property to solve each problem.

16. $5(4+3)$

17. $2(5-1)$

18. $(2+10)6$

19. $11(7-5)$

20. $(12-3)4$

Practice Test Chapter 3 Part 2

Multiply the following fractions. Reduce your answers, if possible.

$$1. \frac{5}{6} \times \frac{2}{3}$$

$$\frac{10}{18}$$

$$\frac{5}{9}$$

$$2. \frac{4}{7} \times \frac{7}{8}$$

$$\frac{28}{56}$$

$$\frac{1}{2}$$

$$3. \frac{4}{9} \times \frac{3}{5}$$

$$\frac{12}{45}$$

$$\frac{4}{15}$$

$$4. 5\frac{1}{3} \times \frac{1}{7}$$

$$\frac{16}{3} \times \frac{1}{7}$$

$$\frac{16}{21}$$

$$5. \frac{6}{10} \times \frac{2}{3}$$

$$\frac{12}{30}$$

$$\frac{2}{5}$$

$$6. 7\frac{2}{5} \times \frac{1}{3}$$

$$\frac{37}{5} \times \frac{1}{3} = \frac{37}{15}$$

$$2\frac{7}{15}$$

$$7. 9 \times \frac{4}{5}$$

$$\frac{9}{1} \times \frac{4}{5} = \frac{36}{5}$$

$$7\frac{1}{5}$$

$$8. 1\frac{3}{4} \times \frac{1}{4}$$

$$\frac{7}{4} \times \frac{1}{4}$$

$$\frac{7}{16}$$

$$9. 8\frac{5}{6} \times 1\frac{1}{5}$$

$$\frac{53}{6} \times \frac{6}{5} = \frac{318}{30} = \frac{53}{5}$$

$$10\frac{3}{5}$$

Divide the following fractions. Reduce your answers, if possible.

$$10. \frac{5}{6} \div \frac{1}{2}$$

$$\frac{5}{6} \times \frac{2}{1} = \frac{10}{6}$$

$$1\frac{2}{3}$$

$$11. \frac{4}{10} \div \frac{2}{5}$$

$$\frac{4}{10} \times \frac{5}{2} = \frac{20}{20}$$

$$1$$

$$12. \frac{6}{7} \div \frac{1}{3}$$

$$\frac{6}{7} \times \frac{3}{1} = \frac{18}{7}$$

$$2\frac{4}{7}$$

$$13. 4\frac{2}{3} \div \frac{2}{3}$$

$$\frac{14}{3} \times \frac{3}{2} = \frac{42}{6}$$

$$7$$

$$14. 5 \div \frac{2}{3}$$

$$\frac{5}{1} \times \frac{3}{2} = \frac{10}{2}$$

$$5$$

$$15. 3\frac{1}{4} \div 2\frac{1}{3}$$

$$\frac{13}{4} \times \frac{7}{3} = \frac{91}{12}$$

$$7\frac{7}{12}$$

Use the distributive property to solve each problem.

$$16. 5(4+3)$$

$$5 \times 4 + 5 \times 3 = 20 + 15$$

$$35$$

$$17. 2(5-1)$$

$$2 \times 5 - 2 \times 1 = 10 - 2$$

$$8$$

$$18. (2+10)6$$

$$2 \times 6 + 10 \times 6 = 12 + 60$$

$$72$$

$$19. 11(7-5)$$

$$11 \times 7 - 11 \times 5 = 77 - 55$$

$$22$$

$$20. (12-3)4$$

$$12 \times 4 - 3 \times 4 = 48 - 12$$

$$36$$