

Name _____ Period _____ Date _____

Chapter 3 Part 1 Test

Reduce all answers.

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|-----------------------------------|--------------------|----------------------|--------------------|----------------------|
| 1. $\frac{5}{20}$ | a. $\frac{5}{10}$ | b. $\frac{5}{15}$ | c. $\frac{1}{4}$ | d. $\frac{1}{10}$ |
| 2. $\frac{36}{10}$ | a. $\frac{18}{5}$ | b. $3\frac{6}{10}$ | c. $3\frac{3}{5}$ | d. $1\frac{4}{5}$ |
| 3. $\frac{3}{8} + \frac{2}{8}$ | a. $\frac{5}{8}$ | b. $\frac{5}{16}$ | c. $\frac{1}{8}$ | d. $\frac{1}{16}$ |
| 4. $\frac{5}{12} + \frac{1}{12}$ | a. $\frac{5}{12}$ | b. $\frac{6}{12}$ | c. $\frac{1}{2}$ | d. $\frac{1}{3}$ |
| 5. $\frac{3}{11} - \frac{1}{33}$ | a. $\frac{4}{33}$ | b. $\frac{8}{33}$ | c. $\frac{4}{11}$ | d. $\frac{8}{11}$ |
| 6. $\frac{3}{5} + \frac{4}{25}$ | a. $\frac{1}{3}$ | b. $\frac{7}{30}$ | c. $\frac{4}{5}$ | d. $\frac{19}{25}$ |
| 7. $\frac{11}{9} + \frac{7}{6}$ | a. $2\frac{7}{18}$ | b. $1\frac{7}{18}$ | c. $\frac{18}{15}$ | d. $1\frac{1}{5}$ |
| 8. $\frac{14}{21} - \frac{1}{3}$ | a. $\frac{15}{18}$ | b. $\frac{13}{18}$ | c. $\frac{1}{3}$ | d. $\frac{1}{4}$ |
| 9. $5\frac{1}{3} + 6\frac{1}{8}$ | a. $11\frac{1}{2}$ | b. $11\frac{11}{24}$ | c. $10\frac{1}{2}$ | d. $10\frac{11}{24}$ |
| 10. $7\frac{4}{6} + 2\frac{1}{9}$ | a. $6\frac{5}{15}$ | b. $6\frac{7}{9}$ | c. $9\frac{5}{15}$ | d. $9\frac{7}{9}$ |

$$11. \frac{16}{52} + \frac{9}{52}$$

$$12. 5\frac{2}{3} - 2\frac{1}{3}$$

$$13. 7\frac{4}{5} - \frac{2}{5}$$

$$14. \frac{1}{2} + \frac{13}{10}$$

$$15. \frac{1}{2} - \frac{1}{6}$$

$$16. 5\frac{14}{15} + 3\frac{1}{5}$$

Reduce the following fractions:

$$17. \frac{16}{40}$$

$$18. \frac{39}{60}$$

$$19. \frac{21}{24}$$

$$20. \frac{55}{15}$$

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Reduce all answers.

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| 1. $\frac{5}{20}$ | a. $\frac{5}{10}$ | b. $\frac{5}{15}$ | c. $\frac{1}{4}$ | d. $\frac{1}{10}$ |
| 2. $\frac{36}{10}$ | a. $\frac{18}{5}$ | b. $3\frac{6}{10}$ | c. $3\frac{3}{5}$ | d. $1\frac{4}{5}$ |
| 3. $\frac{3}{8} + \frac{2}{8}$ | a. $\frac{5}{8}$ | b. $\frac{5}{16}$ | c. $\frac{1}{8}$ | d. $\frac{1}{16}$ |
| 4. $\frac{5}{12} + \frac{1}{12}$ | a. $\frac{5}{12}$ | b. $\frac{6}{12}$ | c. $\frac{1}{2}$ | d. $\frac{1}{3}$ |
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| 6. $\frac{3}{5} + \frac{4}{25}$ | a. $\frac{1}{3}$ | b. $\frac{7}{30}$ | c. $\frac{4}{5}$ | d. $\frac{19}{25}$ |
| 7. $\frac{11}{9} + \frac{7}{6}$ | a. $2\frac{7}{18}$ | b. $1\frac{7}{18}$ | c. $\frac{18}{15}$ | d. $1\frac{1}{5}$ |
| 8. $\frac{14}{21} - \frac{1}{3}$ | a. $\frac{15}{18}$ | b. $\frac{13}{18}$ | c. $\frac{1}{3}$ | d. $\frac{1}{4}$ |
| 9. $5\frac{1}{3} + 6\frac{1}{8}$ | a. $11\frac{1}{2}$ | b. $11\frac{11}{24}$ | c. $10\frac{1}{2}$ | d. $10\frac{11}{24}$ |
| 10. $7\frac{4}{6} + 2\frac{1}{9}$ | a. $6\frac{5}{15}$ | b. $6\frac{7}{9}$ | c. $9\frac{5}{15}$ | d. $9\frac{7}{9}$ |

$$11. \frac{16}{52} + \frac{9}{52} = \frac{25}{52}$$

$$12. 5\frac{2}{3} - 2\frac{1}{3} = 3\frac{1}{3}$$

$$13. 7\frac{4}{5} - \frac{2}{5} = 7\frac{2}{5}$$

$$14. \frac{1}{2} + \frac{13}{10} = \frac{5}{10} + \frac{13}{10} = \frac{23}{10} = 2\frac{3}{10}$$

$$15. \frac{1}{2} - \frac{1}{6} = \frac{3}{6} - \frac{1}{6} = \frac{2}{6} = \frac{1}{3}$$

$$16. 5\frac{14}{15} + 3\frac{1}{5} = 5\frac{14}{15} + 3\frac{3}{15} = 8\frac{17}{15} = 9\frac{2}{15}$$

Reduce the following fractions:

$$17. \frac{16}{40} = \frac{2}{5}$$

$$18. \frac{39}{60} = \frac{13}{20}$$

$$19. \frac{21}{24} = \frac{7}{8}$$

$$20. \frac{55}{15} = 3\frac{2}{3}$$