Summer Math Worksheets

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Write each as a decimal.

1. $99\frac{4}{10}$	2. four and two tenths	3. ninety-three and three tenths	4. $8\frac{1}{10}$
5. seventy-seven and nine tenths	6. $7\frac{3}{10}$	7. $3\frac{2}{10}$	8. ninety-five and eight tenths
9. $30\frac{6}{10}$	10. $61\frac{5}{10}$	11. one and one tenth	12. two and seven tenths
13. $31\frac{7}{10}$	14. thirty-seven and five tenths	15. $6\frac{9}{10}$	16. five and six tenths
17. $49\frac{8}{10}$	18. thirty-two and four tenths	19. $9\frac{8}{10}$	20. nine and eight tenths
21. $68\frac{4}{10}$	22. six and one tenth	23. $64\frac{3}{10}$	24. one and six tenths
25. $29\frac{1}{10}$	26. $67\frac{6}{10}$	27. eight and four tenths	28. twenty-five and five tenths
29. eighty-one and two tenths	30. $5\frac{5}{10}$	31. $33\frac{7}{10}$	32. four and three tenths
33. $7\frac{9}{10}$	34. seventy and nine tenths	35. $8\frac{9}{10}$	36. thirty-six and nine tenths

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List all of the factors of each number.

1. 26	2. 21	3. 25	4. 27
5. 42	6. 17	7. 33	8. 23
9. 37	10. 22	11. 48	12. 12
13. 35	14. 32	15. 36	16. 34
17. 61	18. 97	19. 53	20. 40
21. 52	22. 60	23. 31	24. 50
25. 90	26. 38	27. 74	28. 16
29. 89	30. 44	31. 28	32. 20
33. 94	34. 29	35. 78	36. 95
37. 76	38. 14	39. 51	40. 39

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Add Fractions

Find the sum. Write your answer as a mixed number in simplest form.

1. $\frac{2}{8} + \frac{2}{4}$	2. $\frac{1}{2} + \frac{4}{6}$	3. $\frac{1}{6} + \frac{5}{9}$	4. $\frac{6}{7} + \frac{1}{2}$	5. $\frac{4}{9} + \frac{1}{2}$
6. $\frac{1}{3} + \frac{3}{6}$	7. $\frac{3}{5} + \frac{1}{2}$	8. $\frac{2}{4} + \frac{1}{8}$	9. $\frac{4}{5} + \frac{1}{2}$	10. $\frac{6}{9} + \frac{1}{3}$
11. $\frac{5}{7} + \frac{1}{2}$	12. $\frac{2}{3} + \frac{4}{5}$	13. $\frac{1}{2} + \frac{2}{5}$	14. $\frac{4}{6} + \frac{1}{3}$	15. $\frac{7}{8} + \frac{3}{4}$

16. $\frac{3}{4} + \frac{1}{3}$	17. $\frac{1}{2} + \frac{3}{6}$	18. $\frac{6}{9} + \frac{2}{6}$	19. $\frac{5}{8} + \frac{1}{4}$	20. $\frac{2}{6} + \frac{7}{12}$

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Compare. Write <, >, or =.

1. $\frac{1}{8}$ ◯ $\frac{6}{8}$	2. $\frac{1}{6}$ ◯ $\frac{1}{2}$	3. $\frac{2}{4}$ ◯ 1
4. $\frac{4}{7}$ ◯ $\frac{2}{7}$	5. $\frac{9}{10}$ ◯ $\frac{8}{10}$	6. $\frac{1}{2}$ ◯ 1
7. $\frac{1}{8}$ ◯ $\frac{1}{5}$	8. $\frac{2}{6}$ ◯ $\frac{4}{6}$	9. $\frac{2}{8}$ ◯ $\frac{2}{10}$
10. $\frac{2}{3}$ ◯ $\frac{1}{3}$	11. $\frac{1}{3}$ ◯ $\frac{1}{2}$	12. $\frac{3}{4}$ ◯ $\frac{2}{4}$
13. $\frac{1}{3}$ ◯ 1	14. $\frac{1}{5}$ ◯ $\frac{1}{10}$	15. $\frac{3}{5}$ ◯ 1
16. $\frac{7}{9}$ ◯ $\frac{4}{9}$	17. $\frac{2}{6}$ ◯ $\frac{2}{3}$	18. $\frac{6}{7}$ ◯ $\frac{5}{7}$
19. $\frac{1}{4}$ ◯ $\frac{1}{10}$	20. $\frac{5}{6}$ ◯ 1	21. $\frac{2}{4}$ ◯ $\frac{1}{4}$
22. $\frac{1}{10}$ ◯ $\frac{1}{2}$	23. $\frac{1}{4}$ ◯ $\frac{1}{7}$	24. $\frac{6}{9}$ ◯ $\frac{8}{9}$
25. 1 ◯ $\frac{6}{8}$	26. $\frac{1}{2}$ ◯ $\frac{1}{5}$	27. $\frac{1}{9}$ ◯ $\frac{1}{5}$
28. $\frac{4}{8}$ ◯ $\frac{3}{8}$	29. $\frac{5}{10}$ ◯ $\frac{7}{10}$	30. $\frac{4}{10}$ ◯ 1

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Complete. Write your answer as a mixed number in simplest form.

1. $4\frac{}{6} - 1\frac{}{4}$	2. $1\frac{}{2}\frac{}{7} + 1\frac{}{2}\frac{}{2}$	3. $2\frac{}{4}\frac{}{5} + 8\frac{}{6}\frac{}{10}$	4. $1\frac{}{6}\frac{}{2} - 2\frac{}{5}$	5. $7\frac{}{3}\frac{}{8} + 1\frac{}{5}\frac{}{2}$
6. $6\frac{}{1}\frac{}{9} + 3\frac{}{3}\frac{}{6}$	7. $2\frac{}{6}\frac{}{3} - 1\frac{}{4}\frac{}{2}$	8. $1\frac{}{3}\frac{}{2} - 1\frac{}{4}$	9. $1\frac{}{5}\frac{}{8} + 2\frac{}{4}\frac{}{4}$	10. $6\frac{}{4}\frac{}{9} - 1\frac{}{1}\frac{}{2}$
11. $8\frac{}{1}\frac{}{12} - 1\frac{}{1}\frac{}{3}$	12. $2\frac{}{5} + 1\frac{}{6}\frac{}{2}$	13. $4\frac{}{2}\frac{}{7} - 1\frac{}{2}$	14. $3\frac{}{4}\frac{}{4} + 3\frac{}{4}\frac{}{6}$	15. $5\frac{}{3}\frac{}{6} - 1\frac{}{4}$

16. $6\frac{4}{6} + 1\frac{1}{2}$	17. $5\frac{6}{8} - 1\frac{1}{4}$	18. $2\frac{3}{8} + 2\frac{2}{4}$	19. $\frac{5}{9} - \frac{1}{2}$	20. $1\frac{2}{7} + 4\frac{1}{2}$

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Subtract Fractions

Find the difference. Write your answer as a mixed number in simplest form.

1. $\frac{2}{3} - \frac{2}{5}$	2. $\frac{5}{9} - \frac{1}{2}$	3. $\frac{3}{4} - \frac{1}{6}$	4. $\frac{2}{3} - \frac{1}{4}$	5. $\frac{4}{8} - \frac{2}{4}$
6. $\frac{1}{2} - \frac{1}{9}$	7. $\frac{5}{6} - \frac{1}{2}$	8. $\frac{6}{8} - \frac{3}{4}$	9. $\frac{1}{2} - \frac{3}{7}$	10. $\frac{5}{6} - \frac{3}{4}$
11. $\frac{10}{12} - \frac{1}{2}$	12. $\frac{2}{3} - \frac{6}{12}$	13. $\frac{6}{9} - \frac{2}{3}$	14. $\frac{2}{4} - \frac{1}{8}$	15. $\frac{3}{4} - \frac{1}{2}$

16. $\frac{6}{9} - \frac{3}{6}$	17. $\frac{2}{3} - \frac{3}{5}$	18. $\frac{1}{3} - \frac{1}{5}$	19. $\frac{6}{9} - \frac{1}{2}$	20. $\frac{5}{7} - \frac{1}{2}$

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Multiply. Write your answer as a mixed number in simplest form.

1. $\frac{3}{6} \times \frac{1}{4} =$	2. $\frac{11}{12} \times \frac{2}{3} =$	3. $\frac{1}{2} \times 1 =$	4. $\frac{2}{8} \times \frac{2}{4} =$
5. $4 \times \frac{1}{2} =$	6. $\frac{4}{10} \times \frac{1}{2} =$	7. $\frac{5}{11} \times 7 =$	8. $5 \times \frac{3}{7} =$
9. $\frac{1}{7} \times \frac{9}{11} =$	10. $\frac{2}{4} \times \frac{1}{2} =$	11. $\frac{3}{11} \times \frac{5}{8} =$	12. $\frac{1}{4} \times \frac{7}{10} =$
13. $6 \times \frac{8}{9} =$	14. $\frac{1}{10} \times \frac{6}{10} =$	15. $\frac{4}{6} \times \frac{4}{7} =$	16. $\frac{6}{9} \times \frac{3}{7} =$
17. $\frac{3}{8} \times 3 =$	18. $\frac{11}{12} \times 8 =$	19. $9 \times \frac{4}{5} =$	20. $\frac{6}{7} \times \frac{5}{7} =$
21. $\frac{4}{5} \times \frac{6}{12} =$	22. $\frac{2}{7} \times \frac{3}{7} =$	23. $\frac{7}{10} \times \frac{8}{10} =$	24. $\frac{5}{9} \times 2 =$
25. $\frac{1}{3} \times \frac{5}{7} =$	26. $4 \times \frac{2}{3} =$	27. $\frac{6}{8} \times \frac{1}{2} =$	28. $\frac{5}{12} \times \frac{3}{8} =$
29. $\frac{1}{4} \times \frac{1}{10} =$	30. $\frac{5}{6} \times \frac{5}{12} =$	31. $\frac{2}{5} \times 9 =$	32. $\frac{1}{2} \times \frac{6}{7} =$
33. $\frac{8}{9} \times \frac{8}{9} =$	34. $\frac{1}{4} \times \frac{4}{12} =$	35. $2 \times \frac{6}{7} =$	36. $\frac{4}{10} \times \frac{4}{6} =$
37. $\frac{2}{3} \times \frac{7}{11} =$	38. $\frac{3}{5} \times \frac{3}{6} =$	39. $\frac{6}{7} \times 6 =$	40. $3 \times \frac{1}{4} =$

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Multiply. Write the answer in simplest form.

1. $9\frac{1}{4} \cdot 12\frac{1}{2}$	2. $\frac{4}{8} \cdot 3\frac{2}{3}$	3. $8\frac{5}{9} \cdot \frac{}{7}$
4. $4\frac{3}{5} \cdot \frac{1}{6}$	5. $\frac{2}{5} \cdot 1\frac{5}{8}$	6. $2\frac{4}{7} \cdot 11\frac{3}{4}$
7. $\frac{2}{9} \cdot 5\frac{1}{3}$	8. $\frac{8}{11} \cdot 6\frac{7}{12}$	9. $7\frac{13}{14} \cdot \frac{16}{19}$
10. $10\frac{4}{6} \cdot 1\frac{6}{9}$	11. $4\frac{1}{5} \cdot \frac{5}{16}$	12. $9\frac{2}{18} \cdot 10\frac{2}{3}$
13. $2\frac{11}{12} \cdot \frac{3}{4}$	14. $7\frac{4}{8} \cdot 12\frac{1}{7}$	15. $8\frac{10}{11} \cdot \frac{12}{15}$
16. $5\frac{16}{19} \cdot 11\frac{9}{13}$	17. $\frac{15}{17} \cdot 6\frac{5}{18}$	18. $\frac{1}{2} \cdot 3\frac{1}{5}$
19. $2\frac{2}{3} \cdot \frac{5}{8}$	20. $1\frac{3}{10} \cdot \frac{12}{17}$	21. $3\frac{6}{7} \cdot 7\frac{4}{12}$
22. $11\frac{8}{15} \cdot 12\frac{13}{14}$	23. $\frac{3}{4} \cdot 9\frac{2}{18}$	24. $\frac{1}{3} \cdot 8\frac{1}{2}$