

Multiply or divide, as indicated, and then simplify if possible:

Random Seed: 731567

1. $\frac{x-6}{x-2} \cdot \frac{x^2+2x-8}{x^2-10x+24}$
2. $\frac{x-8}{x+8} \cdot \frac{x^2+2x-48}{x^2-x-56}$
3. $\frac{x+5}{x-5} \cdot \frac{x^2-7x+10}{x^2-3x-40}$
4. $\frac{x+9}{x-9} \cdot \frac{x^2-10x+9}{x^2+15x+54}$
5. $\frac{x-9}{x-1} \cdot \frac{x^2+6x-7}{x^2-81}$
6. $\frac{x-3}{x-5} \cdot \frac{x^2-6x+5}{x^2+x-12}$
7. $\frac{x+1}{x-5} \cdot \frac{x^2-3x-10}{x^2-2x-3}$
8. $\frac{x+1}{x-1} \cdot \frac{x^2-3x+2}{x^2+7x+6}$
9. $\frac{x-2}{x+3} \cdot \frac{x^2-2x-15}{x^2-6x+8}$
10. $\frac{x+1}{x-7} \cdot \frac{x^2-6x-7}{x^2+3x+2}$
11. $1 \cdot \frac{x^2-2x-48}{x^2-5x-24}$
12. $\frac{x-6}{x-5} \cdot \frac{x^2+x-30}{x^2-9x+18}$
13. $\frac{x^2-8x+12}{x^2-2x-24} \cdot \frac{x^2-16}{x^2+2x-8}$
14. $\frac{x^2-64}{x^2-14x+48} \cdot \frac{x^2+x-42}{x^2+2x-48}$
15. $\frac{x^2-25}{x^2+3x-10} \cdot \frac{x^2-10x+16}{x^2-2x-15}$
16. $\frac{x^2-81}{x^2+8x-9} \cdot \frac{x^2+5x-6}{x^2-16x+63}$
17. $\frac{x^2-10x+9}{x^2-2x-63} \cdot \frac{x^2+16x+63}{x^2-9x+8}$
18. $\frac{x^2-8x+15}{x^2-4x+3} \cdot \frac{x^2+3x-4}{x^2-11x+30}$
19. $\frac{x^2-4x-5}{x^2+3x+2} \cdot \frac{x^2-x-6}{x^2+2x-35}$
20. $\frac{x^2-1}{x^2-x-2} \cdot \frac{x^2+4x-12}{x^2-4x+3}$
21. $\frac{x^2+x-6}{x^2-7x+10} \cdot \frac{x^2-9x+20}{x^2+8x+15}$
22. $\frac{x^2-6x-7}{x^2+2x+1} \cdot \frac{x^2+3x+2}{x^2-6x-7}$
23. $\frac{x^2-16x+64}{x^2-2x-48} \cdot \frac{x^2+9x+18}{x^2-9x+8}$
24. $\frac{x^2-11x+30}{x^2-36} \cdot \frac{x^2+3x-18}{x^2-9x+20}$
25. $\frac{x+4}{4} \div \frac{5x+20}{6}$
26. $\frac{x-6}{8} \div \frac{8x-48}{4}$
27. $\frac{x+3}{5} \div \frac{7x+21}{4}$
28. $\frac{x-7}{3} \div \frac{4x-28}{9}$
29. $\frac{x-8}{2} \div \frac{9x-72}{6}$
30. $\frac{x-6}{4} \div \frac{4x-24}{5}$
31. $\frac{x+7}{4} \div \frac{3x+21}{5}$
32. $\frac{x-3}{6} \div \frac{3x-9}{5}$
33. $\frac{x+5}{2} \div \frac{9x+45}{9}$
34. $\frac{x+1}{5} \div \frac{5x+5}{8}$
35. $\frac{x-1}{3} \div \frac{6x-6}{9}$
36. $\frac{x-4}{2} \div \frac{5x-20}{7}$
37. $(x^2 + 8x + 16) \div \frac{x^2-16}{x-2}$
38. $(x^2 - 12x + 36) \div \frac{x^2-36}{x+8}$
39. $(x^2 + x - 6) \div \frac{x^2-9}{x-5}$
40. $(x^2 - 8x + 7) \div \frac{x^2-49}{x-9}$
41. $(x^2 - x - 56) \div \frac{x^2-64}{x-1}$
42. $(x^2 - 7x + 6) \div \frac{x^2-36}{x-5}$
43. $(x^2 + 9x + 14) \div \frac{x^2-49}{x-5}$
44. $(x^2 - 5x + 6) \div \frac{x^2-9}{x-1}$
45. $(x^2 - 25) \div \frac{x^2-25}{x+3}$
46. $(x^2 + 2x + 1) \div \frac{x^2-1}{x-7}$
47. $(x^2 + 5x - 6) \div \frac{x^2-1}{x-8}$
48. $(x^2 + 2x - 24) \div \frac{x^2-16}{x-5}$
49. $\frac{x-11}{x-4} \div \frac{x^2-7x-44}{x^2-16}$
50. $\frac{x-1}{x+7} \div \frac{x^2-7x+6}{x^2+x-42}$
51. $\frac{x+5}{x-8} \div \frac{x^2+8x+15}{x^2-10x+16}$
52. $\frac{x-1}{x+6} \div \frac{x^2-8x+7}{x^2+5x-6}$
53. $\frac{x-11}{x+9} \div \frac{x^2-19x+88}{x^2+16x+63}$
54. $\frac{x-4}{x+4} \div \frac{x^2-10x+24}{x^2+3x-4}$
55. $\frac{x-2}{x-3} \div \frac{x^2+5x-14}{x^2-x-6}$
56. $\frac{x-2}{x+6} \div \frac{x^2-5x+6}{x^2+4x-12}$
57. $\frac{x+6}{x-4} \div \frac{x^2+11x+30}{x^2-9x+20}$
58. $\frac{x-7}{x+2} \div \frac{x^2-6x-7}{x^2+3x+2}$
59. $\frac{x+3}{x+3} \div \frac{x^2+2x-3}{x^2+9x+18}$
60. $\frac{x+9}{x-3} \div \frac{x^2+5x-36}{x^2+3x-18}$
61. $\frac{x^2-16}{x^2+2x-8} \div \frac{x^2-15x+44}{x^2+2x-8}$
62. $\frac{x^2+x-42}{x^2+2x-48} \div \frac{x^2+6x-7}{x^2+2x-48}$
63. $\frac{x^2-10x+16}{x^2-7x+10} \div \frac{x^2-3x-40}{x^2-2x-15}$
64. $\frac{x^2+5x-6}{x^2-10x+9} \div \frac{x^2+5x-6}{x^2-16x+63}$
65. $\frac{x^2+16x+63}{x^2+6x-7} \div \frac{x^2-2x-99}{x^2-9x+8}$
66. $\frac{x^2+3x-4}{x^2-6x+5} \div \frac{x^2-16}{x^2-11x+30}$
67. $\frac{x^2-x-6}{x^2-3x-10} \div \frac{x^2-5x+6}{x^2+2x-35}$
68. $\frac{x^2+4x-12}{x^2-3x+2} \div \frac{x^2+4x-12}{x^2-4x+3}$
69. $\frac{x^2-9x+20}{x^2-2x-15} \div \frac{x^2+2x-24}{x^2+8x+15}$
70. $\frac{x^2+3x+2}{x^2-6x-7} \div \frac{x^2-5x-14}{x^2-6x-7}$
71. $\frac{x^2+9x+18}{x^2-2x-48} \div \frac{x^2+6x+9}{x^2-9x+8}$
72. $\frac{x^2+3x-18}{x^2+x-30} \div \frac{x^2+6x-27}{x^2-9x+20}$

1. $\frac{x+4}{x-4}$
2. $\frac{x-6}{x+7}$
3. $\frac{x-2}{x-8}$
4. $\frac{x-1}{x+6}$
5. $\frac{x+7}{x+9}$
6. $\frac{x-1}{x+4}$
7. $\frac{x+2}{x-3}$
8. $\frac{x-2}{x+6}$
9. $\frac{x-5}{x-4}$
10. $\frac{x+1}{x+2}$
11. $\frac{x+6}{x+3}$
12. $\frac{x+6}{x-3}$
13. $\frac{x-4}{x+4}$
14. $\frac{x+7}{x-6}$
15. $\frac{x-8}{x+3}$
16. $\frac{x+6}{x-7}$
17. $\frac{x+9}{x-8}$
18. $\frac{x+4}{x-6}$
19. $\frac{x-3}{x+7}$
20. $\frac{x+6}{x-3}$
21. $\frac{x-4}{x+5}$
22. $\frac{x+2}{x+1}$
23. $\frac{x+3}{x-1}$
24. $\frac{x-3}{x-4}$
25. $\frac{3}{10}$
26. $\frac{1}{16}$
27. $\frac{4}{35}$
28. $\frac{3}{4}$
29. $\frac{1}{3}$
30. $\frac{5}{16}$
31. $\frac{5}{12}$
32. $\frac{5}{18}$
33. $\frac{1}{2}$
34. $\frac{8}{25}$
35. $\frac{1}{2}$
36. $\frac{7}{10}$
37. $\frac{(x+4)(x-2)}{x-4}$
38. $\frac{(x+8)(x-6)}{x+6}$
39. $\frac{(x-2)(x-5)}{x-3}$
40. $\frac{(x-1)(x-9)}{x+7}$
41. $\frac{(x+7)(x-1)}{x+8}$
42. $\frac{(x-1)(x-5)}{x+6}$
43. $\frac{(x+2)(x-5)}{x-7}$
44. $\frac{(x-1)(x-2)}{x+3}$
45. $x + 3$
46. $\frac{(x+1)(x-7)}{x-1}$
47. $\frac{(x+6)(x-8)}{x+1}$
48. $\frac{(x+6)(x-5)}{x+4}$
49. 1
50. 1
51. $\frac{x-2}{x+3}$
52. $\frac{x-1}{x-7}$
53. $\frac{x+7}{x-8}$
54. $\frac{x-1}{x-6}$
55. $\frac{x+2}{x+7}$
56. $\frac{x-2}{x-3}$
57. $\frac{x-5}{x+5}$
58. 1
59. $\frac{x+6}{x-1}$
60. $\frac{x+6}{x-4}$
61. $\frac{x+4}{x-11}$
62. $\frac{x-6}{x-1}$
63. $\frac{x+3}{x+5}$
64. $\frac{x-7}{x-1}$
65. $\frac{x-8}{x-11}$
66. $\frac{x-6}{x-4}$
67. $\frac{x+7}{x-2}$
68. $\frac{x-3}{x-2}$
69. $\frac{x+5}{x+6}$
70. $\frac{x+1}{x-7}$
71. $\frac{x-1}{x+3}$
72. $\frac{x-4}{x+9}$