

Practice 12-5**Adding and Subtracting Rational Expressions**
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Add or subtract.

1. $\frac{3x}{4} - \frac{x}{4}$

2. $\frac{3}{x} + \frac{5}{x}$

3. $\frac{5x}{6} - \frac{2x}{3}$

4. $\frac{x}{3} + \frac{x}{5}$

5. $\frac{3m}{4} + \frac{5m}{12}$

6. $\frac{4x}{7} - \frac{3x}{14}$

10. $\frac{3}{2d^2} + \frac{4}{3d}$

11. $\frac{9}{m+1} - \frac{6}{m-1}$

12. $\frac{3}{x} - \frac{7}{x}$

16. $\frac{6}{x^2-1} + \frac{7}{x-1}$

17. $\frac{2x}{x^2-1} - \frac{3}{x+1}$

18. $\frac{3t}{8} + \frac{3t}{8}$

19. $\frac{4}{3a^2} - \frac{1}{2a^3}$

20. $\frac{4}{a+4} + \frac{6}{a+4}$

21. $\frac{4}{x+3} + \frac{6}{x-2}$

25. $\frac{5}{r^2-4} + \frac{7}{r+2}$

26. $\frac{6}{a^2-2} + \frac{9}{a^2-2}$

27. $\frac{5x}{4} - \frac{x}{4}$

28. $\frac{4}{3x+6} - \frac{3}{2x+4}$

29. $\frac{4}{c^2+4c+3} + \frac{1}{c+3}$

30. $\frac{6}{x^2-3x+2} - \frac{4}{x-2}$

