Adding with unlike denominators

Name _____ Date _____

1. $\frac{2}{x+6} + \frac{8}{x+2} =$ _____

2. $\frac{7}{x-3} + \frac{3}{x-1} =$ _____

3. $\frac{x}{x+1} + \frac{6}{x-4} =$ _____

4. $\frac{x}{x+4} + \frac{6}{x+5} =$ _____

5. $\frac{3}{x-2} + \frac{2}{x+5} =$ _____

6. $\frac{x}{x+7} + \frac{5}{x-2} =$ _____

7. $\frac{9}{2x} + \frac{2}{9x^2} =$ _____

8. $\frac{4}{3x} + \frac{7}{8x^2} =$ _____

9. $\frac{6}{x-1} + \frac{6}{x+7} =$ _____

10. $\frac{x}{x+2} + \frac{5}{x+4} =$ _____

11. $\frac{2}{x+2} + \frac{2}{x-6} =$ _____

12. $\frac{x}{x-1} + \frac{2}{x-5} =$ _____

13. $\frac{9}{x-1} + \frac{6}{x-7} =$ _____

14. $\frac{7}{6x} + \frac{7}{2x^2} =$ _____

15. $\frac{x}{x+7} + \frac{3}{x+4} =$ _____

16. $\frac{2}{x-6} + \frac{6}{x+3} =$ _____

Adding with unlike denominators

17. $\frac{7}{x+5} + \frac{7}{x-7} =$ _____

18. $\frac{7}{x-4} + \frac{5}{x+5} =$ _____

19. $\frac{5}{6x} + \frac{1}{8x^2} =$ _____

20. $\frac{2}{3x} + \frac{7}{2x^2} =$ _____

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

22. $\frac{x}{x-2} + \frac{2}{x+1} =$ _____

23. $\frac{1}{x+2} + \frac{2}{x+7} =$ _____

24. $\frac{8}{x-2} + \frac{2}{x+5} =$ _____

25. $\frac{2}{x+3} + \frac{8}{x+5} =$ _____

26. $\frac{x}{x+6} + \frac{5}{x-2} =$ _____

27. $\frac{x}{x+1} + \frac{6}{x-4} =$ _____

28. $\frac{7}{x-7} + \frac{1}{x+3} =$ _____

29. $\frac{8}{x-1} + \frac{7}{x+4} =$ _____

30. $\frac{x}{x-4} + \frac{2}{x-1} =$ _____

31. $\frac{1}{x-2} + \frac{9}{x+4} =$ _____

32. $\frac{x}{x+2} + \frac{6}{x-1} =$ _____

33. $\frac{7}{x+1} + \frac{3}{x-3} =$ _____

34. $\frac{x}{x+6} + \frac{6}{x+5} =$ _____