B. Extra Practice. Solve the following.

1. $\frac{6}{x} = \frac{5}{8}$

2. $\frac{3x + 6}{2} = \frac{5}{4}$

3. $\frac{-3}{x} = \frac{-4}{8}$

4. $\frac{4x - 3}{2} = \frac{2x + 1}{6}$

5. $\frac{x}{7} = \frac{5x + 2}{1}$

6. $\frac{-4}{x} = \frac{-8}{-4}$

7. $\frac{2x + 8}{5} = \frac{2x + 8}{9}$

8. $\frac{8(4x - 3)}{2} = \frac{2(8x + 1)}{3}$

9. $\frac{-8(x + 3)}{2} = \frac{-2(x + 5)}{3}$

10. $\frac{-x}{6} = \frac{-5}{4}$

11. $\frac{3(x + 5)}{2} = \frac{7(2x + 3)}{4}$

12. $\frac{x}{13} = 9$

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

14. $\frac{4x - 3}{5} = \frac{5x - 3}{5}$

15. $\frac{8x - 2}{3} = \frac{4(x + 2)}{1}$

16. $\frac{4x}{6} = \frac{3}{8}$

17. $\frac{6x + 5}{2} = \frac{7x + 3}{8}$

18. $\frac{4(a - 6)}{3} = \frac{9(2a + 3)}{3}$

19. $\frac{3x}{5} = \frac{-8}{2}$

20. $\frac{6}{-x} = \frac{1}{5}$

21. $\frac{0.6x}{0.3} = \frac{4x}{6}$

22. $\frac{3(x + 2)}{7} = \frac{21}{7}$

23. $\frac{3}{7x} = \frac{-3}{3(x + 5)}$

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

25. $\frac{3(-2y + 5)}{7} = \frac{1}{2}$

26. $\frac{4x}{7} = \frac{3x}{5}$

27. $\frac{\frac{1}{2}(4x + 2)}{3} = \frac{7}{2}$

28. $3(x - 5) = \frac{6}{5}$

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

30. $\frac{6x - 5}{6} = \frac{3(x + 2)}{4}$

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

32. $\frac{5x}{4x} = \frac{3}{2}$