Solving proportions

Name _____ Date _____

1. $\frac{x-1}{x-12} = \frac{-2}{9}$ _____

2. $\frac{x+2}{x+13} = \frac{-3}{8}$ _____

3. $\frac{x+3}{12} = \frac{x-2}{2}$ _____

4. $\frac{x-1}{2} = \frac{x+4}{7}$ _____

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

6. $\frac{x+11}{6} = \frac{x+5}{2}$ _____

7. $\frac{x-3}{x+8} = \frac{-3}{8}$ _____

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

9. $\frac{x+12}{9} = \frac{x+17}{24}$ _____

10. $\frac{6}{x+4} = \frac{4}{x+2}$ _____

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11. $\frac{x-5}{1} = \frac{x+1}{7}$ _____

12. $\frac{x-5}{x+6} = \frac{-2}{9}$ _____

13. $\frac{x+13}{6} = \frac{x+11}{3}$ _____

14. $\frac{x+10}{6} = \frac{x+11}{7}$ _____

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

16. $\frac{3}{x+7} = \frac{6}{x+8}$ _____

17. $\frac{24}{x+10} = \frac{21}{x+9}$ _____

18. $\frac{x-10}{x-9} = \frac{4}{3}$ _____

19. $\frac{5}{x+11} = \frac{9}{x+15}$ _____

20. $\frac{15}{x-3} = \frac{21}{x-1}$ _____