

Name: _____

Date: _____

HW # 12: Algebra 1 - Standard 7 - Ratios and Proportions

5 points

Solve each proportion. If necessary, round to the nearest hundredth.

Show work needed to justify answers.

13. $\frac{x-3}{5} = \frac{6}{10}$

14. $\frac{7}{x+9} = \frac{21}{36}$

15. $\frac{10}{15} = \frac{4}{x-5}$

19. $\frac{4v+7}{15} = \frac{6v+2}{10}$

21. $\frac{2n-4}{5} = \frac{3n+3}{10}$

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

30. $\frac{2c-1}{3} = \frac{c+2}{4}$

35. $\frac{7}{14-d} = \frac{3}{18+d}$

36. $\frac{2z-4}{5} = \frac{3z+3}{10}$