

Unit 1 Homework #8 Sect. 1.5

Date _____ Period _____

Solve each equation and check your solution. Solutions should be written in SET NOTATION.
ALL WORK ON A SEPARATE SHEET, PLACE YOUR ANSWER ON THE HALF SHEET.
NO WORK = NO CREDIT.

1) $-720 = 36(-22 + r)$

2) $\frac{-28 + x}{2} = -35$

3) $\frac{12}{11} = \frac{6}{p}$

4) $\frac{2}{5} = \frac{7}{x+6}$

5) $14 = 9 + 20x - 15$

6) $6 - 16(-17 + 8r) = 2326$

7) $147 = -2(n - 8) - 5(4n - 13)$

8) $-6(n + 14) - 17(10n - 2) = -50$

9) $\frac{19}{3} = \frac{9}{4}x + \frac{5}{2}x$

10) $-\frac{8}{3}b + \frac{5}{4}b = -\frac{17}{24}$

11) $-\frac{4}{3}x - \frac{1}{3} = -2$

12) $-\frac{1}{3}(-1 + x) = \frac{5}{6}$

13) $-\frac{2}{3}v - 2 = -3$

14) $\frac{11}{6} = \frac{4}{3} + \frac{2}{3}x$