

HW Day 1

Date _____ Period _____

Solve each equation.

1) $\frac{v}{-17} + 13 = 13$

2) $\frac{x}{27} - 18 = -17$

3) $4(-1 + v) = 56$

4) $\frac{k-17}{56} = -1$

5) $4 + 9v = -176$

6) $-13(-13 + b) = 338$

Solve each equation. Remember to check for extraneous solutions.

7) $\sqrt{x} = 4$

8) $1 = \sqrt{\frac{n}{4}}$

9) $\sqrt{r} = 2$

Solve each proportion.

10) $\frac{x}{4} = \frac{4}{10}$

11) $\frac{9}{x} = 5$

12) $8 = \frac{10}{x}$

13) $\frac{5}{6} = \frac{v}{10}$