

Name:



# Pre Algebra Equations

Unknown Variables: Solve the following equations using inverse operations. Show your work.

Solve for the variable.

1.  $6 - y = -11$

2.  $13 + y = 24$

3.  $y - 11 = 1$

4.  $y + 1 = 14$

5.  $12 - y = 8$

6.  $y - 10 = -1$

7.  $y - 6 = -1$

8.  $10 - y = 6$

9.  $y - 15 = 5$

10.  $y - 15 = 0$

Name:



# Pre Algebra Equations

Unknown Variables: Solve the following equations using inverse operations. Show your work.

Solve for the variable.

1.  $6 - y = -11$   $y = 17$

2.  $13 + y = 24$   $y = 11$

3.  $y - 11 = 1$   $y = 12$

4.  $y + 1 = 14$   $y = 13$

5.  $12 - y = 8$   $y = 4$

6.  $y - 10 = -1$   $y = 9$

7.  $y - 6 = -1$   $y = 5$

8.  $10 - y = 6$   $y = 4$

9.  $y - 15 = 5$   $y = 20$

10.  $y - 15 = 0$   $y = 15$