

Name: \_\_\_\_\_

## Adding and Subtracting Equations

Solve the equations. Determine the value of y or z.

1.  $34 + z = 50$   $z = 16$                       2.  $z - 35 = 6$   $z = 41$

3.  $9 = 50 - y$   $y = 41$                       4.  $79 = y + 49$   $y = 30$

5.  $y + 38 = 48$   $y = 10$                       6.  $49 - z = 17$   $z = 32$

7.  $y - 10 = 23$   $y = 33$                       8.  $37 = 30 + z$   $z = 7$

9.  $y + 31 = 34$   $y = 3$                       10.  $51 = z + 12$   $z = 39$