

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

## Adding and Subtracting Equations

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

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

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

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

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

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