**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Math 8**

**Solving Systems using Substitution**

*Solve each system of equations using the substitution method. Check your answer in both equations, when possible.*

**1.**  *x =*  *y* – 2

 *x* + 3*y* = 14

**2.** *y* = *x*  + 4

 *x* – *y* = –4

**3.** *y* = 3*x* + 1

 5*x* – 2*y* = 1

**4.**  *x* = 2*y*

 6*y –* 3*x* = 12

**5.** y = 2x

 x + y = 9

**6.** y = x − 3

 2x + 3y = 16

**7.** x = y − 4

 4y − 3x = 14

**8.** x = −5y + 4

 2x − y = −14