# ALGEBRA: Solving simultaneous linear equations with two unknowns

Date:                                Name:

*Solve the following simultaneous equations*

**[1]**

$x + 2y = 10$

$x + 5y = 22$

**[2]**

$x + 5y = 45$

$x + 2y = 21$

**[3]**

$x + 3y = -1$

$x + 5y = -7$

**[4]**

$x + 2y = 9$

$x + 5y = 12$

**[5]**

$x + 3y = 12$

$x + 5y = 18$

**[6]**

$2x + 5y = 54$

$x + 2y = 23$

**[7]**

$3x + 2y = 26$

$6x + 3y = 54$

**[8]**

$x + y = 11$

$x - y = 5$

**[9]**

$4x + 3y = 15$

$3x - 6y = 36$

**[10]**

$4x - 5y = 48$

$4x + 5y = 8$

**[11]**

$x + y = 4$

$x - y = -6$

**[12]**

$x + y = 5$

$x - y = 5$

## ANSWERS
## ALGEBRA: Solving simultaneous linear equations with two unknowns

**Date:**                    **Name:**

*Solve the following simultaneous equations*

**[1]**
   x = 2   y = 4

**[2]**
   x = 5   y = 8

**[3]**
   x = 8   y = -3

**[4]**
   x = 7   y = 1

**[5]**
   x = 3   y = 3

**[6]**
   x = 7   y = 8

**[7]**
   x = 10   y = -2

**[8]**
   x = 8   y = 3

**[9]**
   x = 6   y = -3

**[10]**
   x = 7   y = -4

**[11]**
   x = -1   y = 5

**[12]**
   x = 5   y = 0