

Simultaneous Equations Worksheet - 5

Name: _____

Date: _____

Total Marks: 15

Marks Obtained: _____

Solve the following equations

1 $4p + 2q = 16$
 $2p + 2q = 10$

8 $6c + 5d = 51$
 $5c - 5d = 15$

2 $3m + 2n = 40$
 $3m + n = 35$

9 $9x + 4y = 35$
 $6x + 4y = 26$

3 $9j - 5k = 6$
 $12j - 5k = 18$

10 $7a + 5b = 45$
 $14a + 5b = 80$

4 $3c + 2d = 77$
 $5c - 2d = 11$

11 $7x - 3y = 12$
 $11x + 6y = 51$

5 $8p + 5q = 89$
 $5p - 5q = 15$

12 $2x + 15y = 49$
 $3x + 5y = 21$

6 $4h - 8k = 44$
 $3h - 8k = 31$

13 $x + 2y = 6$
 $3x + 4y = 16$

7 $8r + 5s = 48$
 $5r + 5s = 45$

14 $3x - y = 12$
 $x + \frac{y}{3} = 6$

Challenge

15 $2x - 3y - 3 = 0$
 $3x + y - 10 = 0$

