

## Linear Simultaneous Equations Revision

<b>(a)</b>	<b>(b)</b>	<b>(c)</b>	<b>(d)</b>
Solve $2x + 3y = 14$ $x + 3y = 10$  $x = 4, y = 2$	Solve $5x + 2y = 37$ $3x - 2y = 3$  $x = 5, y = 6$	Solve $x + 4y = 17$ $3x + 4y = 19$  $x = 1, y = 4$	Solve $2x + y = 4$ $3x + 2y = 5$  $x = 3, y = -2$
<b>(e)</b>	<b>(f)</b>	<b>(g)</b>	<b>(h)</b>
Solve $5x - y = 36$ $x + 3y = 4$  $x = 7, y = -1$	Solve $7x + 4y = 6$ $3x + 2y = 4$  $x = -2, y = 5$	Solve $6x - y = 4$ $2x - 4y = 5$  $x = 0.5, y = -1$	Solve $4x + 2y = 19$ $x + 3y = 16$  $x = 2.5, y = 4.5$
<b>(i)</b>	<b>(j)</b>	<b>(k)</b>	<b>(l)</b>
Solve $2x - 3y = 20$ $3x + 5y = 11$  $x = 7, y = -2$	4 burgers and 2 sausages costs £4.70. 3 burgers and 5 sausages costs £5.80. Find the cost of one burger and one sausage.  <i>Burger is 85p, Sausage is 65p</i>	The sum of two numbers is 10.3. The difference between two numbers is 2.84. Find the two numbers.  <i>3.73 and 6.57</i>	Find the coordinates of the point where the lines $2x + 3y = 21$ and $3x - y = 4$ meet.  $(3, 5)$