Simultaneous Equations				
Unscramble and define the key words.				Memory
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Solve these simultaneous equations by <u>subtracting</u> .				3x + 2y = 22
5x + 5y = 35	7x - 2y = 22		Skill 1	5x - 2y = 10
2x + 5y = 26	5x - 2y = 14	5x + 6y = 35		
Solve these simultaneous equations by <u>adding</u> .				Stretch 1
x + 2y = 20	3x + 4y = 48			
9x - 2y = 80	7x - 4y = 32			5 adult tickets and 3 child tickets to a
www.missbsresources.com				concert costs £99. 8 adult tickets and
Manipulate <u>one</u> of the equations to be able to solve these simultaneous equations. <b>Skill 2</b>			Skill 2	6 child tickets costs £168. How much
5x + 2y = 20	2x + y = 5	2x + 9y = 69		do adult and child tickets cost?
2x + 4y = 24	x + 3y = 5	x + 3y = 24		
$\begin{aligned} x + 2y &= 8\\ 2x + 3y &= 14 \end{aligned}$	3x + 2y = 26 $4x - y = 20$	2x + y = 13 $5x - 4y = 13$		
Manipulate <b>both</b> of the equations to be able to solve these simultaneous equations.				Stratch 2
2x + 5y = 24	5x + 3y = 23	5x + 2y = 13	Skill 3	Stretch 2
4x + 3y = 20	2x - 4y = 12	2x + 6y = 26		4x - 0.5y = 12.5
F., 7., 97	2x - 3y4	2x - 7y - 17		3x + 0.8y = 8.2
5x - 7y = 27 $3x - 4y = 16$	2x - 3y = -4 $3x + 2y = 7$	2x - 7y = 17 $5x + 3y = -1$		
5x - 4y - 10	3x + 2y = 7	5x + 5y = 1		