

14	<p>eg $6x + 18y = 42$ or $10x + 30y = 70$</p> $\begin{array}{r} 6x + 10y = 20 \\ \hline 18x + 30y = 60 \end{array}$ <p>or</p> <p>eg $3\left(\frac{14-6y}{2}\right) + 5y = 10$ or $3x + 5\left(\frac{14-2x}{6}\right) = 10$</p>		4	<p>M1 For balancing the equations (only condone one arithmetic error in multiplication). and correct operation to eliminate selected variable applied to all terms in their 2 equations)</p> <p>or writing x or y in terms of the other variable and correctly substituting to gain an equation in one variable</p>
		$x = -1.25$ or $y = 2.75$		A1 oe one correct value dep on M1 Allow fractions eg $-\frac{7}{4}$ and $\frac{11}{4}$
	eg $2 \times "-1.25" + 6y = 14$ oe or $3x + 5 \times "2.75" = 10$ oe			<p>M1 (dep) correct method to find second variable – could start process again or use substitution.</p> <p>Dependent on previous M mark being awarded. If the value used is incorrect you may need to check their answer if full working not shown.</p>
		$x = -1.25$ and $y = 2.75$		A1 oe for both correct values dep on at least one of the method marks being awarded. If switched on the answer line allow if seen correct in working
<i>wr</i>				Total 4 marks

Question	Working	Answer	Mark	Notes
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