14	(a)	eg $20\times\frac{9a-7}{5}-20\times\frac{3a-7}{4}=20\times4.55\,(=91)$ or eg $4(9a-7)-5(3a-7)=20\times4.55$ or eg $\frac{4(9a-7)}{20}-\frac{5(3a-7)}{20}\,(=4.55)$ or eg $\frac{4(9a-7)-5(3a-7)}{20}\,(=4.55)$		3	M1	For clear intention to multiply all terms by 20 (or 4 × 5) or a multiple of 20 oe or to express LHS as two fractions over 20 (or 4 × 5) or a multiple of 20 oe or as a single fraction with a denominator of 20 (or 4 × 5) or a multiple of 20 oe if expanded numerator, allow one error
		eg $36a - 28 - 15a + 35 = 20 \times 4.55$ or $21a = 84$ oe			M1	Expanding brackets and multiplying by denominator with no more than one sign error
			4		A1	dep on M1
	(b)	$p^2=\frac{ac+8}{3+c}$		4	M1	for removing square root
		$3p^2+cp^2=ac+8$			M1	for multiplying by denominator and expanding in a correct equation
		$cp^2-ac=8-3p^2$ **or** $3p^2-8=ac-cp^2$			M1ft	for gathering terms in c on one side and other terms the other side ft their equation dep on 2 terms in c and two other terms
			$c=\frac{8-3p^2}{p^2-a}$		A1	or $c=\frac{3p^2-8}{a-p^2}$
						Total 7 marks