25	$\left(\frac{4+8}{2}, \frac{7-5}{2}\right)$ oe or (6, 1)		5	M1	for finding the midpoint of *PR*
	$\frac{7--5}{4-8}\left(=-\frac{12}{4}=-3\right)$ oe			M1	for method to find the gradient of *PR*
	$"-3"\times m=-1$ oe or $(m=)\frac{-1}{"-3"}$ or $(m=)\frac{1}{3}$			M1ft	for finding the gradient of *QS*, may be seen embedded in an equation, ft their gradient of *PR*
	$"1"="\frac{1}{3}"("6")+c$ oe or $c = -1$ **or** $y-1=\frac{1}{3}(x-6)$ **or** $y=\frac{1}{3}x-1$			M1ft	(dep on previous M1) for finding the equation through *QS*, ft their gradient of *PR* and their midpoint of *PR*, do not allow (4, 7) or (8, –5) as midpoint *PR*
	Correct answer scores full marks (unless from obvious incorrect working)	$3y = x - 3$		A1	oe eg $6y = 2x - 6$ or $3y - x + 3 = 0$ etc but must be integer coefficients accept $a = 3$, $b = 1$, $c = -3$
					Total 5 marks

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