5	(a)		Vertices at (2, 5) (2, 8) (3, 6) (3, 7)	2	B2 for correct shape in correct position (B1 for correct orientation of shape but wrong position **or** for 3 out of 4 vertices correct **or** for $y = x$ drawn)
	(b)		Vertices at (5, 3) (5, 7) (7, 7) (9, 3)	2	B2 for correct shape in correct position (B1 for correct size **and** orientation of shape but wrong position **or** for 3 out of 4 vertices correct)
					Total 4 marks

6	(a)		1	1	B1	cao
	(b)	eg $(5^9 \times 5^{-3} =) 5^6$ **or** $(5^9 \div 5^{-2} =) 5^{11}$ **or** $(5^{-3} \div 5^{-2} =) 5^{-1}$ **or** $(5^k \times 5^{-2} =) 5^{k-2}$ **or** $9 - 3 = k - 2$ oe **or** $9 - 3 - -2$ **or** $9 - 3 + 2$		2	M1	for one correct application of an index rule (must be seen in powers of 5) this could be after an initial mistake – working will need to be clearly seen **or** for forming a correct equation in the indices alone **or** for a complete method for the value of k
		Correct answer scores full marks (unless from obvious incorrect working)	8		A1	condone 5^8
	(c)		$8d^{12}e^{15}$	2	B2	for a correct answer (B1 for answer of the form kd^me^n where at least two of $k = 8$, $m = 12$ and $n = 15$ are correct)
						Total 5 marks