7	$220 \div 80$ (= 2.75 or $\frac{11}{4}$) oe			M1 for a method to find the time from B to C
	$72 \times \frac{50}{60}$ (= 60) oe			M1 for a method to find the distance from C to D Allow 0.83(333…) to 2 dp truncated or rounded
	$\frac{245+220+"60"}{2.5+"2.75"+\frac{50}{60}}\left(=\frac{525}{73/12}\right)$ oe			M1 for a complete method to find the average speed for entire journey 0.83(333…) to 2 dp truncated or rounded 6.0(8333…) to 2 sf truncated or rounded
		86.3		A1 for 86.3 – 86.4
				Total 4 marks

8	(a)		$50\,000$	1	B1
	(b)		6×10^{-5}	1	B1
	(c)	$2.5\times10^{512-700}$ **or** 2.5×10^{n} **or** 0.25×10^{-187} **or** $p\times10^{-188}$ where $1 \leq p < 10$		2	M1
			2.5×10^{-188}		A1
					Total 4 marks

9	(a)		x^9	1	B1 cao
	(b)		$64y^6$	2	B2 for $64y^6$ (B1 for ky^6 where $k \neq 64$ **or** $64y^m$ where $m \neq 6$)
	(c)	$(n \pm 3)(n \pm 4)$		2	M1 for $(n \pm 3)(n \pm 4)$ or $(n + a)(n + b)$ where $ab = 12$ or $a + b = -7$ Condone use of a different letter to n
			$(n - 3)(n - 4)$		A1
					Total 5 marks