

Question	Working	Answer	Mark	Notes	Sub-Total	Total
1	$\frac{23}{8} \times \frac{8}{5}$		M1	Need to see $\frac{23}{8} \times \frac{8}{5}$ and $\frac{23}{5}$ or $\frac{184}{40}$		2
		$4\frac{3}{5}$	A1	NB no marks for an answer without any working. Must be the mixed fraction in its simplest form		
2	$360 \div 12$ or $180(n - 2) = 168n$ oe		M1	$360 \div (180 - 168)$ NB $180(n - 2) = 168$ is M0		2
		30	A1			
3	$(1.7 \times 10^7) \div (1.5 \times 10^3)$		M1	for $1.1(3) \times 10^n$ or correct value to 2 or more significant figures. Eg 11333.33... 11000, 11300		2
		1.1×10^4	A1	cao 1.1×10^4		
4	$-3 \times 7x^{-4} - 5x^4$		M1	for one correct term (allow $-3 \times 7x^{-4}$)		2
		$-21x^{-4} - 5x^4$	A1	oe e.g. $-\frac{21}{x^4} - 5x^4$		
5	$\frac{12}{3 - \sqrt{5}} \times \frac{3 + \sqrt{5}}{3 + \sqrt{5}}$ or $12 = 3a + 3b\sqrt{5} - a\sqrt{5} - 5b$ and $3a - 5b = 12, 3b - a = 0$ oe		M1			2
	$\frac{36 + 12\sqrt{5}}{9 - 5}$ or $4b = 12$ or $4a = 36$	$9 + 3\sqrt{5}$	A1	Correct expansion/correct method for solving simultaneous equations with a correct answer and no errors. NB no marks for answer without any working.		