

Q	Answer	Mark	Comments
1	$3^{11} (: 3^7)$ or $3^6 : 3^2$ or $3^5 : 3^{(1)}$ or $\frac{a}{3^7}$ or $177\,147 : 2187$	M1	oe eg $729 : 9$ or $243 : 3$ 3^n may be implied by a multiplication string of n 3s a can be any value other than 3^7
	$\frac{3^{11}}{3^7} (: 1)$ or $\frac{3^6}{3^2} (: 1)$ or $3^6 \times 3^{-2} (: 1)$ or $\frac{3^5}{3^{(1)}} (: 1)$ or $3^{-1} \times 3^5 (: 1)$ or $3^4 (: 1)$ or $\frac{177\,147}{2187} (: 1)$	M1dep	oe left-hand side with one or two components eg $\frac{729}{9} : 1$ or $243 \times \frac{1}{3} : 1$ allow $(: 1)$ to be $(: 3^0)$ 3^n may be implied by a multiplication string of n 3s
	81 : 1	A1	
	Additional Guidance		
	$\frac{3^6 \times 3^5}{3^7} (: 1)$ with no further work		M1M0A0
	81 : 1 or $3^4 (: 1)$ could be seen from incorrect working eg $\frac{9^{11}}{3^7} = 3^4$ Answer 81 : 1		M1M0A0