

7	(a)	Plot $\log P$ against $\log Q$	<b>B1</b> <b>[1]</b>	Either way round
7	(b)	$\log Q = \log a + n \log P$ So plotting $\log P$ against $\log Q$ gives a straight line $Y = mX + c$ with gradient $n$ $Y = \log Q$ and $X = \log P$	<b>M1</b> <b>A1</b> <b>[2]</b>	(Draw a line of best fit) Comparison with $Y = mX + c$ Clarify which way round