

Question	Answer	Marks	Guidance
	$r = 0.8$	B1	OE
	$a = 12.5$	B1	OE
	$S_{\infty} = 12.5 \div (1 - 0.8)$	M1	Using $\frac{a}{1-r}$ with ‘ <i>their a</i> ’ and ‘ <i>their r</i> ’ but $ r $ must be < 1 .
	$S_{\infty} = \frac{125}{2}, 62\frac{1}{2}$ or 62.5	A1	$12\frac{1}{2}$ $\frac{1}{5}$ or similar does not get A1.
		4	

