

3		$10 + 10 \times 0.98 + 10 \times 0.98^2$ or $10 + 9.8 + 9.604$  $\frac{10}{1-0.98}$  500	<b>M1</b>  <b>M1</b>  <b>A1</b>  <b>[3]</b>	<b>3.1b</b>  <b>1.1</b>  <b>3.2a</b>	Use of GP with common ratio 0.98  Sum to infinity	GP implied by formula for $S_\infty$ , $S_n$ or $u_n$ showing 0.98 or 1 <sup>st</sup> 3 terms
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