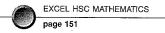
Series and applications

Applications of geometric series (1)



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	metre high whe					
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Series and applications

Page 151

Applications of geometric series (2)

ESTION 1	In her will a woman charity will receive receiving 80% of w	\$10 000 in the	first year, \$8	3000 in the se			
How much	n, to the nearest who	le dollar, will the	charity rece	eive in the 12 ^t	^h year?		
What is t	he total amount the	charity will receiv	ve?				
				,			
The woma	an changes the terms	of the will so tha	t when the d	onation falls b	elow \$200 pe	er year the re	mair
The woma amount a		in full.		onation falls b	l be donated i	in the final p	ayme
The woma amount a	an changes the terms Illocated will be paid	in full.			l be donated i		ayme
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