

Page 22 Example 15

Using a table to solve a geometric progression problem

TI-84 Plus	Casio fx-9860GII																										
<pre> Plot1 Plot2 Plot3 \Y1=500*1.01^X \Y2= \Y3= \Y4= \Y5= \Y6= </pre> <table border="1"> <thead> <tr> <th>X</th><th>Y1</th></tr> </thead> <tbody> <tr><td>66</td><td>964.23</td></tr> <tr><td>67</td><td>973.87</td></tr> <tr><td>68</td><td>983.61</td></tr> <tr><td>69</td><td>993.45</td></tr> <tr><td>70</td><td>1003.38</td></tr> <tr><td>71</td><td>1013.4</td></tr> <tr><td>72</td><td>1023.5</td></tr> </tbody> </table> <pre> Y1=1003.3816842 </pre>	X	Y1	66	964.23	67	973.87	68	983.61	69	993.45	70	1003.38	71	1013.4	72	1023.5	<pre> Y1=500*1.01^(X) </pre> <table border="1"> <thead> <tr> <th>X</th><th>Y1</th></tr> </thead> <tbody> <tr><td>67</td><td>973.87</td></tr> <tr><td>68</td><td>983.61</td></tr> <tr><td>69</td><td>993.44</td></tr> <tr><td>70</td><td>1003.38</td></tr> </tbody> </table> <pre> 1003.381684 FORM DEL ROW EDIT G-COM G-PLT </pre>	X	Y1	67	973.87	68	983.61	69	993.44	70	1003.38
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