
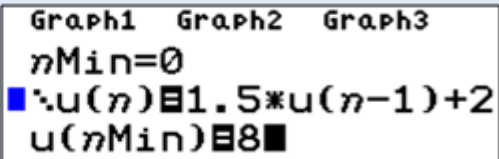
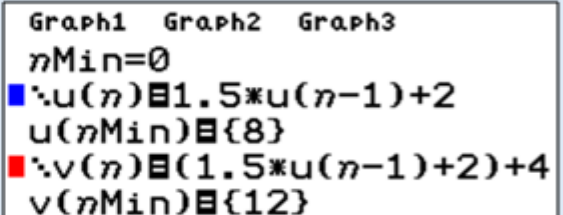
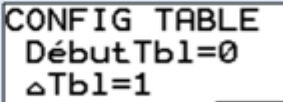
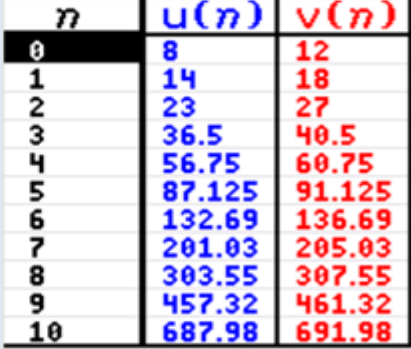


## Chapitre 1 – Exercice 65 – TI

### Calcul des premiers termes des suites $(u_n)$ et $(v_n)$ sur une calculatrice TI

<p>1. Par la touche <u>mode</u>, choisir le mode SUITE comme sur l'écran ci-contre.</p> <p>2. Pour entrer la suite <math>(u_n)</math> utiliser la touche <u>f(x)</u></p>																																					
<p>3. Entrer la définition de la suite Pour taper <math>u(n-1)</math> :</p> <p><u>2nde</u> <u>7</u> <u>(</u> <u>X,T,θ,n</u> <u>-</u> <u>1</u> <u>)</u></p> <p>Explications : la relation <math>u_{n+1} = 1,5u_n + 2</math> peut aussi s'écrire <math>u_n = 1,5 u_{n-1} + 2</math>.</p>																																					
<p>4. Entrer la définition de la suite <math>(v_n)</math>.</p> <p>Explications : <math>v_n = u_n + 4 = (1,5u_{n-1} + 2) + 4</math>.</p>																																					
<p>5. Configurer la table de valeurs par <u>déf table</u> (<u>2nde</u> <u>fenêtre</u>)</p>																																					
<p>6. Afficher la table de valeurs par table (<u>2nde</u> <u>graphe</u>)</p>	 <table border="1"> <thead> <tr> <th><math>n</math></th> <th><math>u(n)</math></th> <th><math>v(n)</math></th> </tr> </thead> <tbody> <tr><td>0</td><td>8</td><td>12</td></tr> <tr><td>1</td><td>14</td><td>18</td></tr> <tr><td>2</td><td>23</td><td>27</td></tr> <tr><td>3</td><td>36.5</td><td>40.5</td></tr> <tr><td>4</td><td>56.75</td><td>60.75</td></tr> <tr><td>5</td><td>87.125</td><td>91.125</td></tr> <tr><td>6</td><td>132.69</td><td>136.69</td></tr> <tr><td>7</td><td>201.03</td><td>205.03</td></tr> <tr><td>8</td><td>303.55</td><td>307.55</td></tr> <tr><td>9</td><td>457.32</td><td>461.32</td></tr> <tr><td>10</td><td>687.98</td><td>691.98</td></tr> </tbody> </table>	$n$	$u(n)$	$v(n)$	0	8	12	1	14	18	2	23	27	3	36.5	40.5	4	56.75	60.75	5	87.125	91.125	6	132.69	136.69	7	201.03	205.03	8	303.55	307.55	9	457.32	461.32	10	687.98	691.98
$n$	$u(n)$	$v(n)$																																			
0	8	12																																			
1	14	18																																			
2	23	27																																			
3	36.5	40.5																																			
4	56.75	60.75																																			
5	87.125	91.125																																			
6	132.69	136.69																																			
7	201.03	205.03																																			
8	303.55	307.55																																			
9	457.32	461.32																																			
10	687.98	691.98																																			