

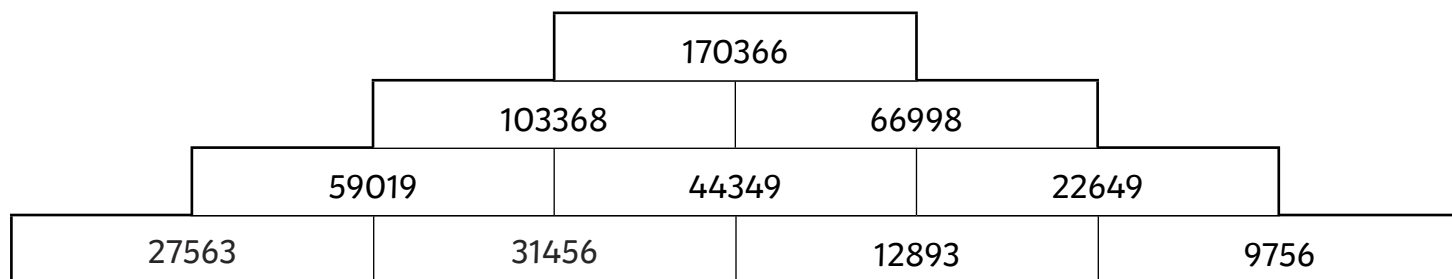


Pyramid Puzzles

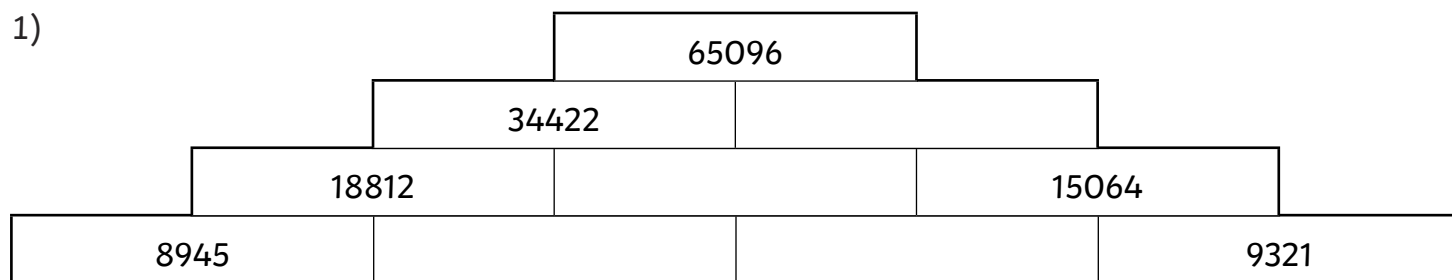
I can add and subtract numbers using a formal written method.



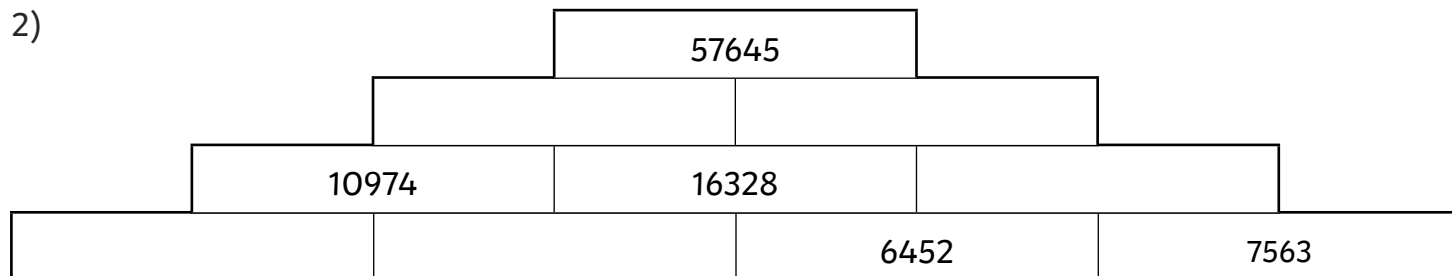
Use addition and subtraction calculations to complete these pyramids. The first one has been done for you.



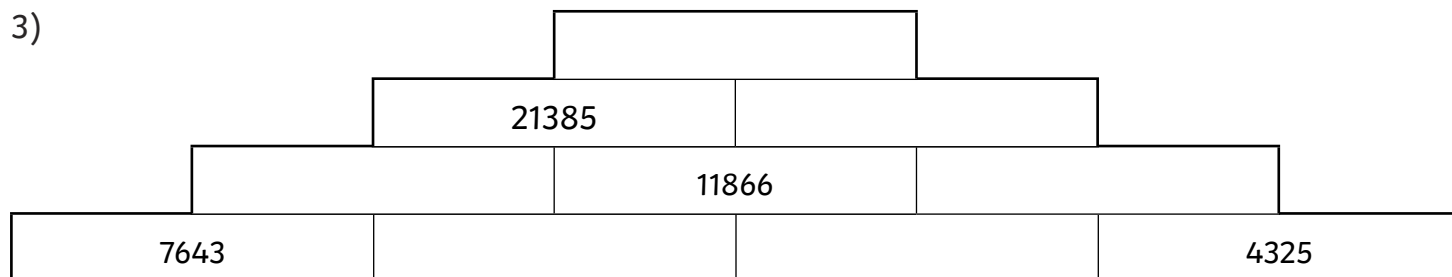
1)



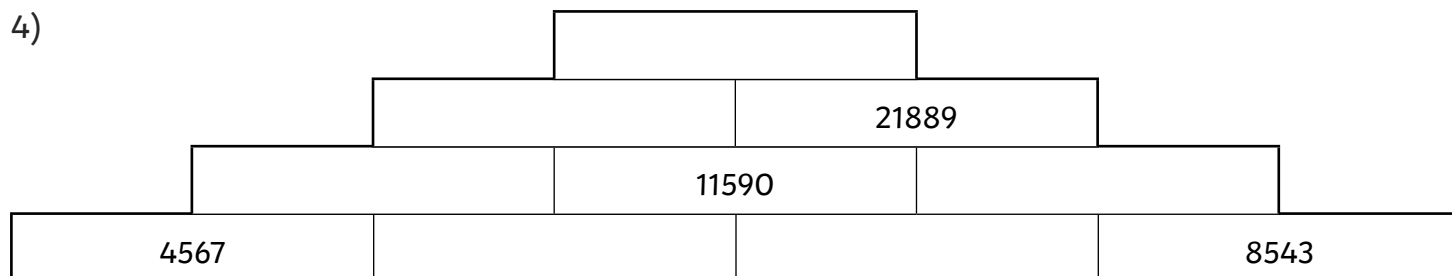
2)



3)

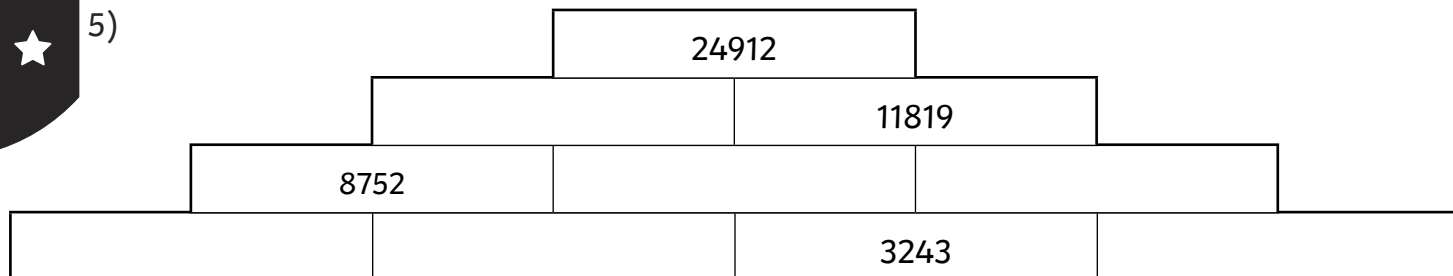


4)

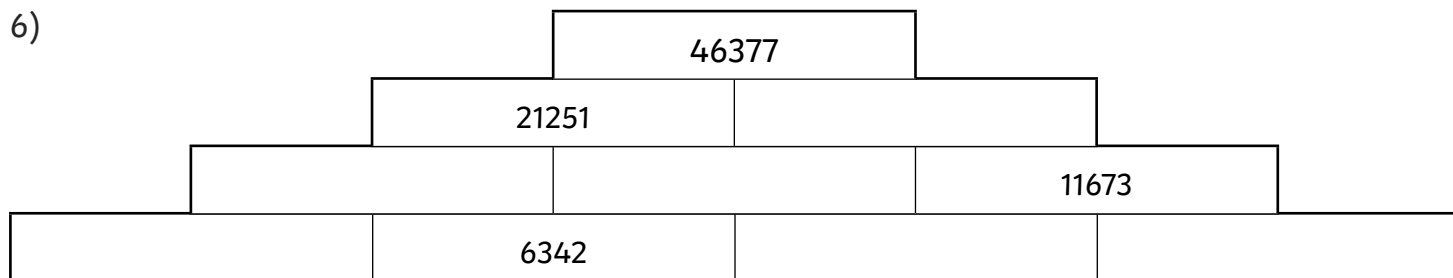




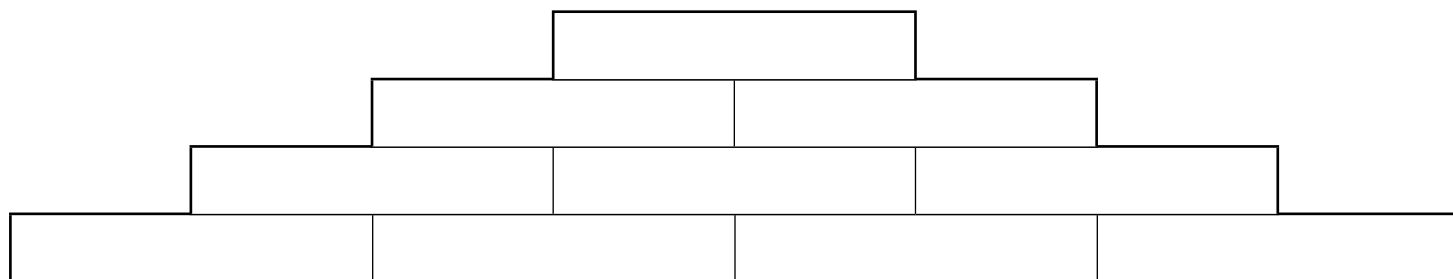
5)



6)



Extension: Create your own pyramid puzzle for a partner to solve.





Pyramid Puzzles Answers

Question	Answer																						
Use addition and subtraction calculations to complete these pyramids.																							
1	<table><tr><td colspan="4">65096</td></tr><tr><td colspan="2">34422</td><td colspan="2">30674</td></tr><tr><td colspan="2">18812</td><td colspan="2">15610</td><td colspan="2">15064</td></tr><tr><td colspan="2">8945</td><td colspan="2">9867</td><td colspan="2">5743</td><td colspan="2">9321</td></tr></table>	65096				34422		30674		18812		15610		15064		8945		9867		5743		9321	
65096																							
34422		30674																					
18812		15610		15064																			
8945		9867		5743		9321																	
2	<table><tr><td colspan="4">57645</td></tr><tr><td colspan="2">27302</td><td colspan="2">30343</td></tr><tr><td colspan="2">10974</td><td colspan="2">16328</td><td colspan="2">14015</td></tr><tr><td colspan="2">1098</td><td colspan="2">9876</td><td colspan="2">6452</td><td colspan="2">7563</td></tr></table>	57645				27302		30343		10974		16328		14015		1098		9876		6452		7563	
57645																							
27302		30343																					
10974		16328		14015																			
1098		9876		6452		7563																	
3	<table><tr><td colspan="4">47566</td></tr><tr><td colspan="2">21385</td><td colspan="2">26181</td></tr><tr><td colspan="2">9519</td><td colspan="2">11866</td><td colspan="2">14315</td></tr><tr><td colspan="2">7643</td><td colspan="2">1876</td><td colspan="2">9990</td><td colspan="2">4325</td></tr></table>	47566				21385		26181		9519		11866		14315		7643		1876		9990		4325	
47566																							
21385		26181																					
9519		11866		14315																			
7643		1876		9990		4325																	
4	<table><tr><td colspan="4">47880</td></tr><tr><td colspan="2">25991</td><td colspan="2">21889</td></tr><tr><td colspan="2">14401</td><td colspan="2">11590</td><td colspan="2">10299</td></tr><tr><td colspan="2">4567</td><td colspan="2">9834</td><td colspan="2">1756</td><td colspan="2">8543</td></tr></table>	47880				25991		21889		14401		11590		10299		4567		9834		1756		8543	
47880																							
25991		21889																					
14401		11590		10299																			
4567		9834		1756		8543																	
5	<table><tr><td colspan="4">24912</td></tr><tr><td colspan="2">13093</td><td colspan="2">11819</td></tr><tr><td colspan="2">8752</td><td colspan="2">4341</td><td colspan="2">7478</td></tr><tr><td colspan="2">7654</td><td colspan="2">1098</td><td colspan="2">3243</td><td colspan="2">4235</td></tr></table>	24912				13093		11819		8752		4341		7478		7654		1098		3243		4235	
24912																							
13093		11819																					
8752		4341		7478																			
7654		1098		3243		4235																	

6	<table><tr><td colspan="4">46377</td></tr><tr><td colspan="2">21251</td><td colspan="2">25126</td></tr><tr><td colspan="2">7798</td><td colspan="2">13453</td><td colspan="2">11673</td></tr><tr><td colspan="2">1456</td><td colspan="2">6342</td><td colspan="2">7111</td><td colspan="2">4562</td></tr></table>	46377				21251		25126		7798		13453		11673		1456		6342		7111		4562	
46377																							
21251		25126																					
7798		13453		11673																			
1456		6342		7111		4562																	
Extension	A variety of answers acceptable.																						

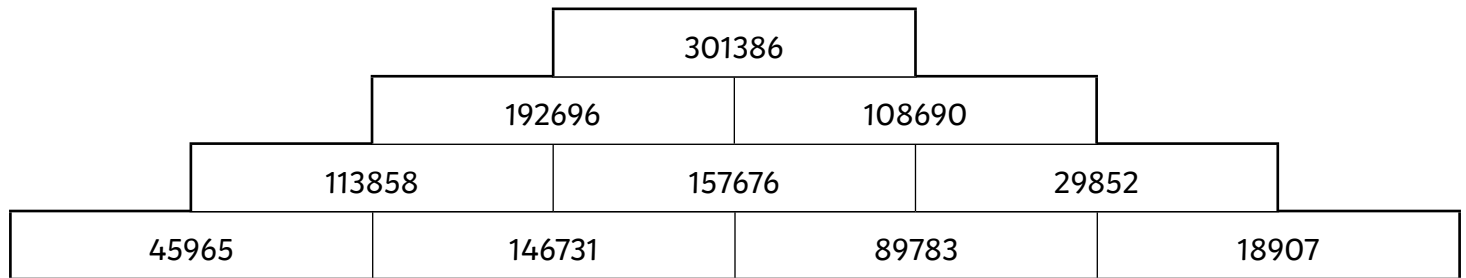


Pyramid Puzzles

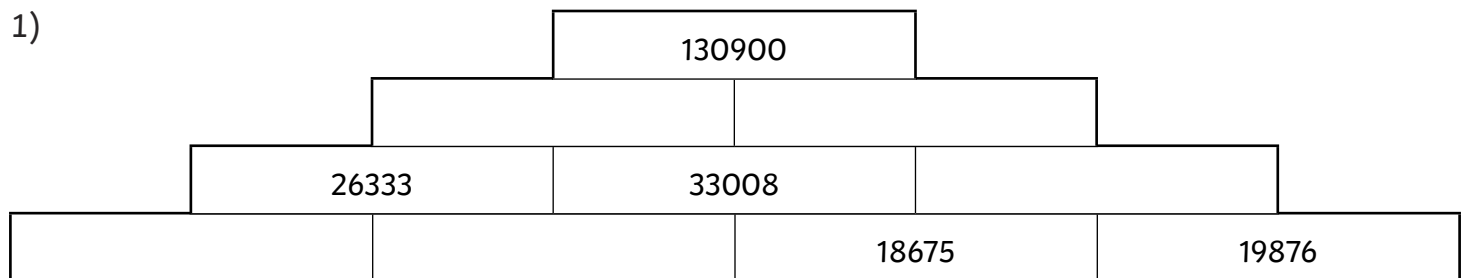
I can add and subtract numbers using a formal written method.



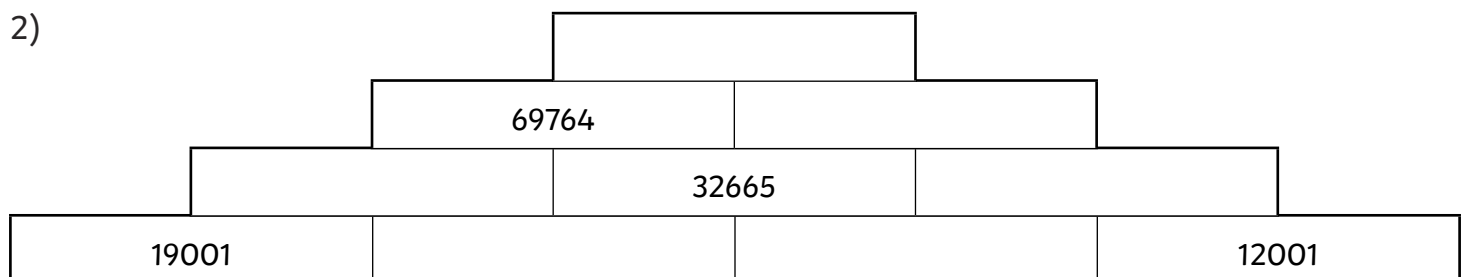
Use addition and subtraction calculations to complete these pyramids. The first one has been done for you.



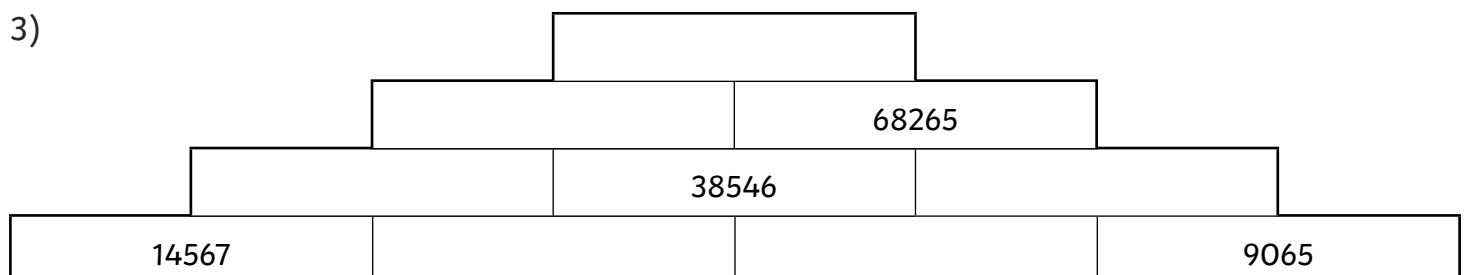
1)



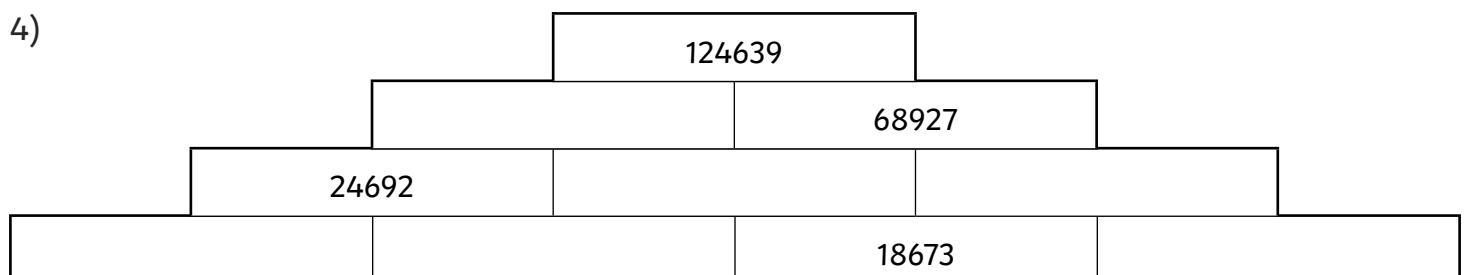
2)



3)

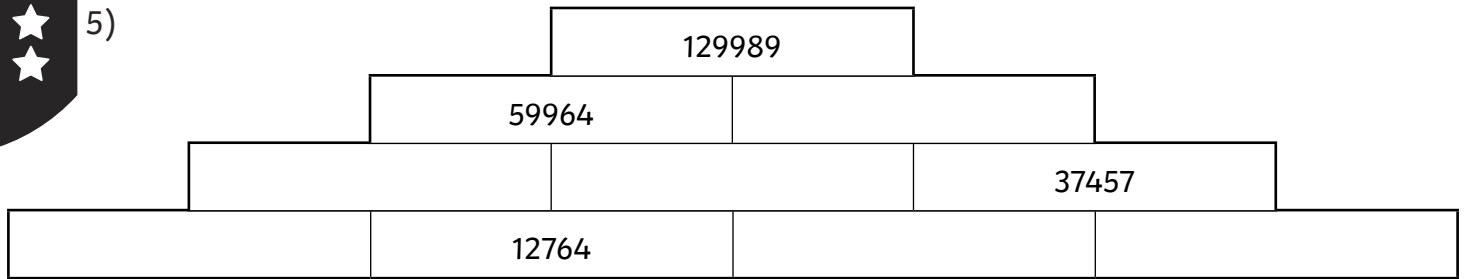


4)

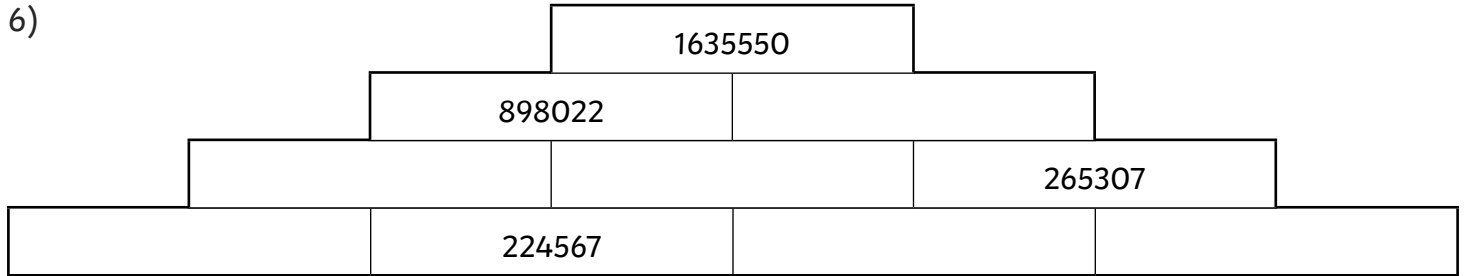




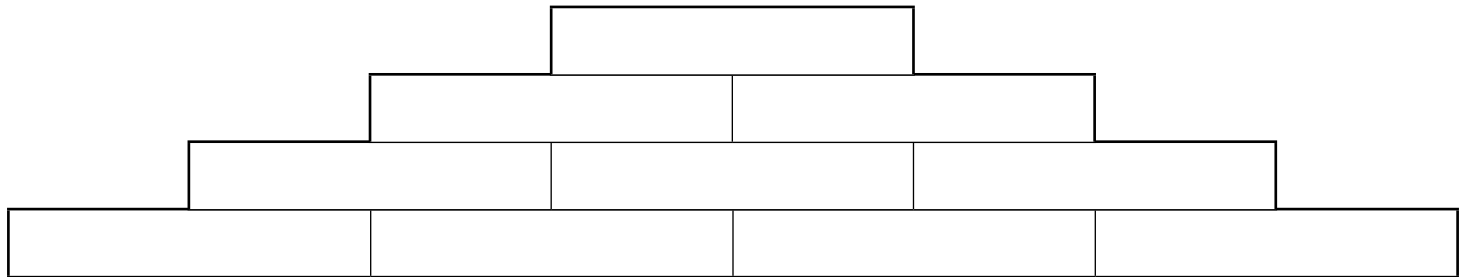
5)



6)



Extension: Create your own pyramid puzzle for a partner to solve.



Pyramid Puzzles Answers

Question	Answer
Use addition and subtraction calculations to complete these pyramids.	
1	<pre> 130900 / \ 59341 71559 / \ / \ 26333 33008 38551 / \ / \ / \ 12000 14333 18675 19876 </pre>
2	<pre> 128997 / \ 69764 59233 / \ / \ 37099 32665 26568 / \ / \ / \ 19001 18098 14567 12001 </pre>
3	<pre> 139270 / \ 71005 68265 / \ / \ 32459 38546 29719 / \ / \ / \ 14567 17892 20654 9065 </pre>
4	<pre> 124639 / \ 55712 68927 / \ / \ 24692 31020 37907 / \ / \ / \ 12345 12347 18673 19234 </pre>
5	<pre> 129989 / \ 59964 70025 / \ / \ 27396 32568 37457 / \ / \ / \ 14632 12764 19804 17653 </pre>

6	<pre> 1635550 / \ 898022 737528 / \ / \ 425801 472221 265307 / \ / \ / \ 201234 224567 247654 17653 </pre>
Extension	A variety of answers acceptable.



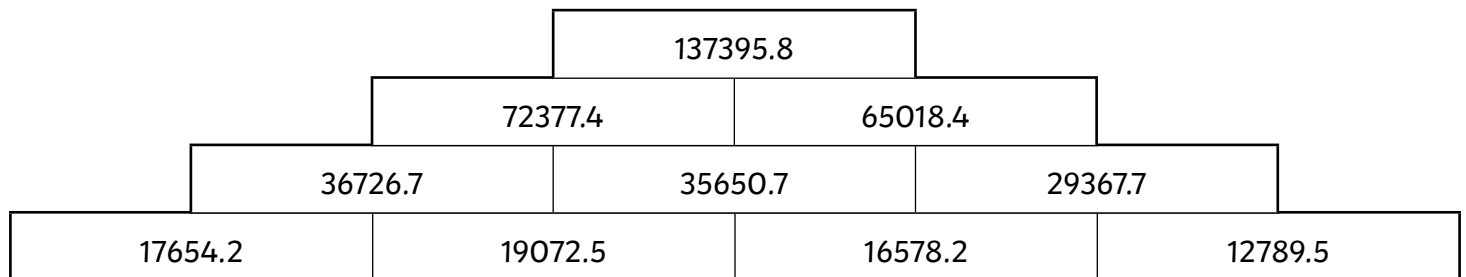
Pyramid Puzzles

I can add and subtract numbers using a formal written method.



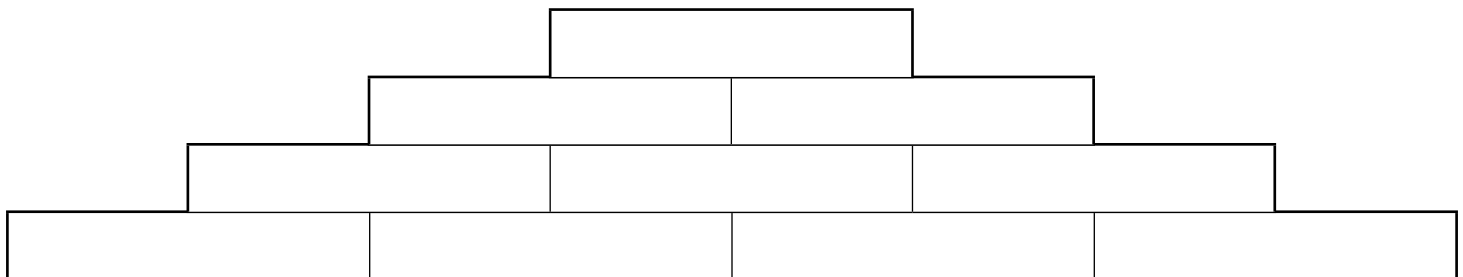
Sort the numbers below into the correct positions on the blank pyramid. The first question has been completed for you. Hint! Think about where the largest number would go.

12789.5	29367.7	65018.4	35650.7	72377.4
36726.7	17654.2	19072.5	137395.8	16578.2



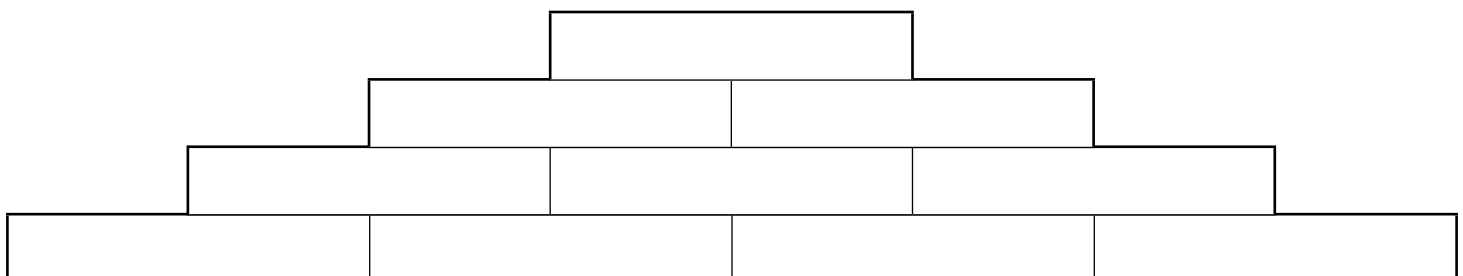
1)

43231.1	94628.4	51397.3	29155.1	20988.9
22242.2	9876.5	12365.7	16789.4	11112.4



2)

32458.3	14567.9	117864.4	56270.5	27134.9
17890.4	29135.6	61593.9	14567.7	12567.2





26909.6	14563.7	19876.5	123531.9	62182.1
12345.9	34440.2	7865.4	61349.8	27741.9

4)

14567.3	34443.8	33552.2	13675.7	31350.5
19876.5	133790.3	16783.2	65794.3	67996

The diagram illustrates a 5-story pyramid structure. The base is a single long rectangle divided into four equal segments. The second level consists of two rectangles, each spanning two segments of the base. The third level consists of two rectangles, each spanning one segment of the second level. The fourth level consists of two rectangles, each spanning one segment of the third level. The top level is a single rectangle spanning one segment of the fourth level.



Pyramid Puzzles Answers

Question	Answer																
Sort the numbers into the correct positions on the blank pyramid.																	
1	<table><tr><td colspan="4">137395.8</td></tr><tr><td colspan="2">72377.4</td><td colspan="2">65018.4</td></tr><tr><td colspan="2">36726.7</td><td>35650.7</td><td>29367.7</td></tr><tr><td>17654.2</td><td>19072.5</td><td>16578.2</td><td>12789.5</td></tr></table>	137395.8				72377.4		65018.4		36726.7		35650.7	29367.7	17654.2	19072.5	16578.2	12789.5
137395.8																	
72377.4		65018.4															
36726.7		35650.7	29367.7														
17654.2	19072.5	16578.2	12789.5														
2	<table><tr><td colspan="4">94628.4</td></tr><tr><td colspan="2">43231.1</td><td colspan="2">51397.3</td></tr><tr><td colspan="2">20988.9</td><td>22242.2</td><td>29155.1</td></tr><tr><td>11112.4</td><td>9876.5</td><td>12365.7</td><td>16789.4</td></tr></table>	94628.4				43231.1		51397.3		20988.9		22242.2	29155.1	11112.4	9876.5	12365.7	16789.4
94628.4																	
43231.1		51397.3															
20988.9		22242.2	29155.1														
11112.4	9876.5	12365.7	16789.4														
3	<table><tr><td colspan="4">117864.4</td></tr><tr><td colspan="2">56270.5</td><td colspan="2">61593.9</td></tr><tr><td colspan="2">27134.9</td><td>29135.6</td><td>32458.3</td></tr><tr><td>12567.2</td><td>14567.7</td><td>14567.9</td><td>17890.4</td></tr></table>	117864.4				56270.5		61593.9		27134.9		29135.6	32458.3	12567.2	14567.7	14567.9	17890.4
117864.4																	
56270.5		61593.9															
27134.9		29135.6	32458.3														
12567.2	14567.7	14567.9	17890.4														
4	<table><tr><td colspan="4">123531.9</td></tr><tr><td colspan="2">61349.8</td><td colspan="2">62182.1</td></tr><tr><td colspan="2">26909.6</td><td>34440.2</td><td>27741.9</td></tr><tr><td>12345.9</td><td>14563.7</td><td>19876.5</td><td>7865.4</td></tr></table>	123531.9				61349.8		62182.1		26909.6		34440.2	27741.9	12345.9	14563.7	19876.5	7865.4
123531.9																	
61349.8		62182.1															
26909.6		34440.2	27741.9														
12345.9	14563.7	19876.5	7865.4														