Create a pattern then find the number in the pattern.								Answers	
Ex)	Start at 25 and create a pattern with the rule add 8. What is the fourth number in the pattern?	25	22	<i>I</i> .1	40	57	65	Ex.	49
4	What is the fourth number in the pattern?		33	41	49	37		1.	
1)	Start at 99 and create a pattern with the rule subtract 9.							2.	
•	What is the fourth number in the pattern?							3.	
2)	Start at 50 and create a pattern with the rule add 4. What is the fourth number in the pattern?							4.	
3)	Start at 36 and create a pattern with the rule							5.	
	add 5. What is the third number in the pattern?							6.	
4)	Start at 35 and create a pattern with the rule add 10.							7.	
	What is the fifth number in the pattern?							8.	
5)	Start at 36 and create a pattern with the rule add 5.							9.	
	What is the third number in the pattern?					—		10.	
6)	Start at 79 and create a pattern with the rule subtract 9. What is the fifth number in the pattern?								
7)	Start at 58 and create a pattern with the rule								
	subtract 8. What is the fourth number in the pattern?								
8)	Start at 17 and create a pattern with the rule add 5.								
	What is the fifth number in the pattern?					—			
9)	Start at 31 and create a pattern with the rule add 2. What is the fourth number in the pattern?								
10)	Start at 21 and create a pattern with the rule add 9.								
	What is the fourth number in the pattern?								



Creating Patterns

Name:

Answer Key

	Creating Pa	itterns	Name:	Allswei Key
Crea	te a pattern then find the number in the pa	Answers		
Ex)	Start at 25 and create a pattern with the rule add 8.			Ex. <u>49</u>
	What is the fourth number in the pattern?	25 33 41 49 57	65	1. 72
1)	Start at 99 and create a pattern with the rule subtract 9.			2. 62
	What is the fourth number in the pattern?	99 90 81 72 63	54	
2)	Start at 50 and create a pattern with the rule add 4.			3. <u>46</u>
	What is the fourth number in the pattern?	50 54 58 62 66	70	4
3)	Start at 36 and create a pattern with the rule add 5.			546
	What is the third number in the pattern?	36 41 46 51 56	61	643
4)	Start at 35 and create a pattern with the rule add 10.			734
	What is the fifth number in the pattern?	35 45 55 65 75	85	837
5)	Start at 36 and create a pattern with the rule add 5.			937
	What is the third number in the pattern?	<u>36</u> <u>41</u> <u>46</u> <u>51</u> <u>56</u>	61	1048
6)	Start at 79 and create a pattern with the rule subtract 9.			
	What is the fifth number in the pattern?	79 70 61 52 43	34	
7)	Start at 58 and create a pattern with the rule subtract 8.			
	What is the fourth number in the pattern?	<u>58</u> <u>50</u> <u>42</u> <u>34</u> <u>26</u>	18	
8)	Start at 17 and create a pattern with the rule			
	add 5. What is the fifth number in the pattern?	<u>17</u> <u>22</u> <u>27</u> <u>32</u> <u>37</u>	42	
9)	Start at 31 and create a pattern with the rule			
	add 2. What is the fourth number in the pattern?	31 33 35 37 39	41	
10)	Start at 21 and create a pattern with the rule add 9.			
	What is the fourth number in the pattern?	<u>21</u> <u>30</u> <u>39</u> <u>48</u> <u>57</u>	66	