

Creating Patterns

Name:

Create a pattern then find the number in the pattern.				Answers
Ex)	Start at 6 and create a pattern with the rule add 6. What is the fourth number in the pattern?	6 12 18 24 30 36	Ex.	24
1)	Start at 29 and create a pattern with the rule add 8. What is the fifth number in the pattern?		1. _.	
2)	Start at 20 and create a pattern with the rule add 8. What is the fourth number in the pattern?		3. _.	
3)	Start at 25 and create a pattern with the rule add 6. What is the fifth number in the pattern?		5.	
4)	Start at 28 and create a pattern with the rule add 3. What is the fifth number in the pattern?		 7. 	
5)	Start at 44 and create a pattern with the rule add 10. What is the third number in the pattern?		9.	
6)	Start at 45 and create a pattern with the rule add 9. What is the sixth number in the pattern?		10.	
7)	Start at 34 and create a pattern with the rule add 10. What is the sixth number in the pattern?			
8)	Start at 54 and create a pattern with the rule subtract 4. What is the fourth number in the pattern?			
9)	Start at 69 and create a pattern with the rule subtract 7. What is the fifth number in the pattern?			
10)	Start at 29 and create a pattern with the rule subtract 4. What is the sixth number in the pattern?			



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Name: A

Answer Key

Crea		Answers		
Ex)	Start at 6 and create a pattern with the rule add 6. What is the fourth number in the pattern?	6 12 18 24 30 36	Ex.	24
	what is the fourth number in the pattern:		1	61
1)	Start at 29 and create a pattern with the rule add 8.		1	44
	What is the fifth number in the pattern?	<u>29</u> <u>37</u> <u>45</u> <u>53</u> <u>61</u> <u>69</u>	2	
2)	Start at 20 and create a pattern with the rule add 8.		3	49
	What is the fourth number in the pattern?	<u>20</u> <u>28</u> <u>36</u> <u>44</u> <u>52</u> <u>60</u>	4.	40
3)	Start at 25 and create a pattern with the rule add 6.		5	64
	What is the fifth number in the pattern?	<u>25</u> <u>31</u> <u>37</u> <u>43</u> <u>49</u> <u>55</u>	6.	90
4)	Start at 28 and create a pattern with the rule add 3.		7.	84
	What is the fifth number in the pattern?	<u>28</u> <u>31</u> <u>34</u> <u>37</u> <u>40</u> <u>43</u>	8.	42
5)	Start at 44 and create a pattern with the rule			41
	add 10. What is the third number in the pattern?	44 54 64 74 84 94	9	41
			10.	9
6)	Start at 45 and create a pattern with the rule add 9.		-	
	What is the sixth number in the pattern?	<u>45 54 63 72 81 90</u>		
7)	Start at 34 and create a pattern with the rule			
	add 10. What is the sixth number in the pattern?	34 44 54 64 74 84		
8)	Start at 54 and create a pattern with the rule subtract 4.			
	What is the fourth number in the pattern?	54 50 46 42 38 34		
9)	Start at 69 and create a pattern with the rule			
	subtract 7. What is the fifth number in the pattern?	69 62 55 48 41 34		
10)	Start at 29 and create a pattern with the rule			
	subtract 4. What is the sixth number in the pattern?	<u>29 25 21 17 13 9</u>		