

## **Creating Patterns**

Name:

Ex)	Start at 20 and create a pattern with the			Create a pattern then find the number in the pattern.							Answers		
	rule subtract 2. What is the fourth number in the								Ex.		14		
>	pattern?	20	<u>18</u>	<u>16</u>	<u>14</u>	<u>12</u>	10		1.				
1)	Start at 48 and create a pattern with the rule add 4. What is the sixth number in the pattern?								2.				
	what is the sixth number in the pattern?												
2)	Start at 83 and create a pattern with the rule subtract 8.								3.				
	What is the third number in the pattern?								4.				
3)	Start at 24 and create a pattern with the rule add 6.								5.				
	What is the sixth number in the pattern?								6.				
4)	Start at 90 and create a pattern with the rule subtract 8.								7.				
	What is the sixth number in the pattern?								8.				
5)	Start at 80 and create a pattern with the rule subtract 7. What is the fourth number in the								9.				
	pattern?								10.				
6)	Start at 36 and create a pattern with the rule subtract 5. What is the fourth number in the pattern?												
7)	Start at 55 and create a pattern with the rule subtract 8. What is the fourth number in the pattern?												
8)	Start at 39 and create a pattern with the rule subtract 5. What is the fourth number in the pattern?												
9)	Start at 29 and create a pattern with the rule add 6.												
	What is the fourth number in the pattern?	_	_		_		_						
10)	Start at 17 and create a pattern with the rule add 3.												
	What is the third number in the pattern?												



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Create a pattern then find the number in the pattern.									<u>Answers</u>	
Ex)	Start at 20 and create a pattern with the rule subtract 2. What is the fourth number in the								Ex.	14
	pattern?	20	18	16	14	12	10	_8_	1.	68
1)	Start at 48 and create a pattern with the rule add 4.	40	50	F.6	60	<i>c</i>	60	70	2.	67
	What is the sixth number in the pattern?	48	52	50	60	04	80	72		
2)	Start at 83 and create a pattern with the rule subtract 8.								3.	54
	What is the third number in the pattern?	83	75	67	59	51	43	35	4.	50
3)	Start at 24 and create a pattern with the								5.	59
	rule add 6. What is the sixth number in the pattern?	24	30	36	42	48	54	60	6.	21
4)	Start at 90 and create a pattern with the rule subtract 8.								7.	31
	What is the sixth number in the pattern?	90	82	74	66	58	50	42	8.	24
5)	Start at 80 and create a pattern with the rule subtract 7.								9.	47
	What is the fourth number in the pattern?	80	73	66	59	52	45	38		23
6)	Start at 36 and create a pattern with the rule subtract 5. What is the fourth number in the		70			<u>-02</u>		<u> </u>	10.	23
	pattern?	36	31	26	21	16	11	_6_		
7)	Start at 55 and create a pattern with the rule subtract 8. What is the fourth number in the									
۵\	pattern?	<u>55</u>	47	39	31	23	<u>15</u>			
8)	Start at 39 and create a pattern with the rule subtract 5. What is the fourth number in the									
	pattern?	39	34	29	24	19	14	9		
9)	Start at 29 and create a pattern with the rule add 6.									
	What is the fourth number in the pattern?	29	35	41	47	53	59	65		
10)	Start at 17 and create a pattern with the rule add 3.									
	What is the third number in the pattern?	<u>17</u>	20	23	26	29	32	35		