Create a pattern then find the number in the pattern. **Answers** Start at 56 and create a pattern with the rule **20** subtract 9. What is the fifth number in the pattern? 1) Start at 44 and create a pattern with the rule subtract 7. What is the fifth number in the pattern? 2) Start at 47 and create a pattern with the rule add 7. What is the third number in the pattern? 3) Start at 33 and create a pattern with the rule add 8. What is the fifth number in the pattern? Start at 24 and create a pattern with the rule add 4. What is the sixth number in the pattern? 5) Start at 15 and create a pattern with the rule add 4. What is the fourth number in the pattern? 6) Start at 20 and create a pattern with the rule subtract 3. What is the sixth number in the pattern? 7) Start at 45 and create a pattern with the rule add 10. What is the fourth number in the pattern? Start at 13 and create a pattern with the rule add 4. What is the sixth number in the pattern? Start at 8 and create a pattern with the rule add 3. What is the sixth number in the pattern? **10**) Start at 102 and create a pattern with the rule subtract 10. What is the third number in the pattern?



Creating Patterns

Name:

Answer Key

	Creating Pa	itterns	Name:	Answer Key
Create a pattern then find the number in the pattern. Answers				
Ex)	Start at 56 and create a pattern with the rule subtract 9.	56 47 20 20 20	11	Ex20
	What is the fifth number in the pattern?	<u>56</u> <u>47</u> <u>38</u> <u>29</u> <u>20</u>		1. 16
1)	Start at 44 and create a pattern with the rule subtract 7.			2. 61
	What is the fifth number in the pattern?	44 37 30 23 16	9	
2)	Start at 47 and create a pattern with the rule add 7.			3. 65
	What is the third number in the pattern?	<u>47</u> <u>54</u> <u>61</u> <u>68</u> <u>75</u>	82	444
3)	Start at 33 and create a pattern with the rule add 8.			5. 27
	What is the fifth number in the pattern?	33 41 49 57 65	73	65
4)	Start at 24 and create a pattern with the rule add 4.			7. 75
	What is the sixth number in the pattern?	<u>24</u> <u>28</u> <u>32</u> <u>36</u> <u>40</u>	44	833
5)	Start at 15 and create a pattern with the rule add 4.			9
	What is the fourth number in the pattern?	<u>15</u> <u>19</u> <u>23</u> <u>27</u> <u>31</u>	35	10. 82
6)	Start at 20 and create a pattern with the rule subtract 3.			
	What is the sixth number in the pattern?	20 17 14 11 8		
7)	Start at 45 and create a pattern with the rule add 10.			
	What is the fourth number in the pattern?	45 55 65 75 85	95	
8)	Start at 13 and create a pattern with the rule add 4.			
	What is the sixth number in the pattern?	<u>13</u> <u>17</u> <u>21</u> <u>25</u> <u>29</u>	_33_	
9)	Start at 8 and create a pattern with the rule add 3.			
	What is the sixth number in the pattern?	<u>8</u> <u>11</u> <u>14</u> <u>17</u> <u>20</u>	23	
10)	Start at 102 and create a pattern with the rule subtract 10.			
	What is the third number in the pattern?	<u>102</u> <u>92</u> <u>82</u> <u>72</u> <u>62</u>	52	