Creating Patterns Name:

Create a pattern then find the number in the pattern.

Ex) Start at 56 and create a pattern with the rule subtract 9.
What is the fifth number in the pattern? 56 47 38 29 20 11

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? ___ ___ ___ ___ ___ ___

4) 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? ___ ___ ___ ___ ___ ___

8) Start at 13 and create a pattern with the rule add 4.
What is the sixth number in the pattern? ___ ___ ___ ___ ___ ___

9) 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? ___ ___ ___ ___ ___ ___

Answers

Ex. 20

1. ___
2. ___
3. ___
4. ___
5. ___
6. ___
7. ___
8. ___
9. ___
10. ___

1-10	90	80	70	60	50	40	30	20	10	0

Creating Patterns

Name: **Answer Key**

Create a pattern then find the number in the pattern.

Ex) Start at 56 and create a pattern with the rule subtract 9.
What is the fifth number in the pattern? 56 47 38 29 20 11

1) Start at 44 and create a pattern with the rule subtract 7.
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.
What is the third number in the pattern? 47 54 61 68 75 82

3) Start at 33 and create a pattern with the rule add 8.
What is the fifth number in the pattern? 33 41 49 57 65 73

4) Start at 24 and create a pattern with the rule add 4.
What is the sixth number in the pattern? 24 28 32 36 40 44

5) Start at 15 and create a pattern with the rule add 4.
What is the fourth number in the pattern? 15 19 23 27 31 35

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 5

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? 13 17 21 25 29 33

9) Start at 8 and create a pattern with the rule add 3.
What is the sixth number in the pattern? 8 11 14 17 20 23

10) Start at 102 and create a pattern with the rule subtract 10.
What is the third number in the pattern? 102 92 82 72 62 52

Answers

Ex. **20**
1. **16**
2. **61**
3. **65**
4. **44**
5. **27**
6. **5**
7. **75**
8. **33**
9. **23**
10. **82**

1-10	90	80	70	60	50	40	30	20	10	0