



## 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 6.

What is the third number in the pattern? 56 50 44 38 32 26 20

1) Start at 76 and create a pattern with the rule subtract 8.

What is the third number in the pattern? \_\_\_\_\_

2) Start at 28 and create a pattern with the rule add 3.

What is the third number in the pattern? \_\_\_\_\_

3) Start at 92 and create a pattern with the rule subtract 10.

What is the fourth number in the pattern? \_\_\_\_\_

4) Start at 31 and create a pattern with the rule add 8.

What is the third number in the pattern? \_\_\_\_\_

5) Start at 41 and create a pattern with the rule add 4.

What is the fifth number in the pattern? \_\_\_\_\_

6) Start at 79 and create a pattern with the rule subtract 5.

What is the fourth number in the pattern? \_\_\_\_\_

7) Start at 78 and create a pattern with the rule subtract 7.

What is the fourth number in the pattern? \_\_\_\_\_

8) Start at 50 and create a pattern with the rule add 3.

What is the third number in the pattern? \_\_\_\_\_

9) Start at 35 and create a pattern with the rule subtract 4.

What is the fifth number in the pattern? \_\_\_\_\_

10) Start at 18 and create a pattern with the rule add 9.

What is the fifth number in the pattern? \_\_\_\_\_

## Answers

Ex. 44

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



## 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 6.

What is the third number in the pattern?

56 50 44 38 32 26 20

1) Start at 76 and create a pattern with the rule subtract 8.

What is the third number in the pattern?

76 68 60 52 44 36 28

2) Start at 28 and create a pattern with the rule add 3.

What is the third number in the pattern?

28 31 34 37 40 43 46

3) Start at 92 and create a pattern with the rule subtract 10.

What is the fourth number in the pattern?

92 82 72 62 52 42 32

4) Start at 31 and create a pattern with the rule add 8.

What is the third number in the pattern?

31 39 47 55 63 71 79

5) Start at 41 and create a pattern with the rule add 4.

What is the fifth number in the pattern?

41 45 49 53 57 61 65

6) Start at 79 and create a pattern with the rule subtract 5.

What is the fourth number in the pattern?

79 74 69 64 59 54 49

7) Start at 78 and create a pattern with the rule subtract 7.

What is the fourth number in the pattern?

78 71 64 57 50 43 36

8) Start at 50 and create a pattern with the rule add 3.

What is the third number in the pattern?

50 53 56 59 62 65 68

9) Start at 35 and create a pattern with the rule subtract 4.

What is the fifth number in the pattern?

35 31 27 23 19 15 11

10) Start at 18 and create a pattern with the rule add 9.

What is the fifth number in the pattern?

18 27 36 45 54 63 72

## Answers

Ex. **44**

**60**

**34**

**62**

**47**

**57**

**64**

**57**

**56**

**19**

**54**