



Creating Patterns

Name: _____

Create a pattern then find the number in the pattern.

Ex) Start at 83 and create a pattern with the rule subtract 9.

What is the fourth number in the pattern?

83 74 65 56 47 38 29

Answers

Ex. **56**

1) Start at 15 and create a pattern with the rule add 3.

What is the fourth number in the pattern?

2) Start at 17 and create a pattern with the rule add 3.

What is the sixth number in the pattern?

3) Start at 44 and create a pattern with the rule add 9.

What is the third number in the pattern?

4) Start at 42 and create a pattern with the rule add 9.

What is the fourth number in the pattern?

5) Start at 24 and create a pattern with the rule add 8.

What is the fourth number in the pattern?

6) Start at 62 and create a pattern with the rule subtract 5.

What is the third number in the pattern?

7) Start at 72 and create a pattern with the rule subtract 8.

What is the fourth number in the pattern?

8) Start at 42 and create a pattern with the rule add 3.

What is the fourth number in the pattern?

9) Start at 12 and create a pattern with the rule add 6.

What is the fourth number in the pattern?

10) Start at 46 and create a pattern with the rule add 7.

What is the fourth number in the pattern?

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 83 and create a pattern with the rule subtract 9.

What is the fourth number in the pattern?

83 74 65 56 47 38 29

Answers

Ex. 56

1) Start at 15 and create a pattern with the rule add 3.

What is the fourth number in the pattern?

15 18 21 24 27 30 33

24

2) Start at 17 and create a pattern with the rule add 3.

What is the sixth number in the pattern?

17 20 23 26 29 32 35

32

3) Start at 44 and create a pattern with the rule add 9.

What is the third number in the pattern?

44 53 62 71 80 89 98

62

4) Start at 42 and create a pattern with the rule add 9.

What is the fourth number in the pattern?

42 51 60 69 78 87 96

69

5) Start at 24 and create a pattern with the rule add 8.

What is the fourth number in the pattern?

24 32 40 48 56 64 72

48

6) Start at 62 and create a pattern with the rule subtract 5.

What is the third number in the pattern?

62 57 52 47 42 37 32

52

7) Start at 72 and create a pattern with the rule subtract 8.

What is the fourth number in the pattern?

72 64 56 48 40 32 24

51

8) Start at 42 and create a pattern with the rule add 3.

What is the fourth number in the pattern?

42 45 48 51 54 57 60

30

9) Start at 12 and create a pattern with the rule add 6.

What is the fourth number in the pattern?

12 18 24 30 36 42 48

67

10) Start at 46 and create a pattern with the rule add 7.

What is the fourth number in the pattern?

46 53 60 67 74 81 88