

**Create a pattern then find the number in the pattern.****Answers**

Ex) Start at 8 and create a pattern with the rule
add 9.

What is the third number in the pattern? 8 17 26 35 44 53

Ex. 26

1) Start at 40 and create a pattern with the rule
subtract 4.

What is the fourth number in the pattern? _____

1. _____

2) Start at 68 and create a pattern with the rule
subtract 4.

What is the sixth number in the pattern? _____

2. _____

3) Start at 20 and create a pattern with the rule
add 8.

What is the fourth number in the pattern? _____

3. _____

4) Start at 37 and create a pattern with the rule
add 10.

What is the fourth number in the pattern? _____

4. _____

5) Start at 47 and create a pattern with the rule
add 9.

What is the fifth number in the pattern? _____

5. _____

6) Start at 36 and create a pattern with the rule
add 5.

What is the third number in the pattern? _____

6. _____

7) Start at 48 and create a pattern with the rule
add 4.

What is the fourth number in the pattern? _____

7. _____

8) Start at 36 and create a pattern with the rule
add 3.

What is the third number in the pattern? _____

8. _____

9) Start at 30 and create a pattern with the rule
add 6.

What is the fifth number in the pattern? _____

9. _____

10) Start at 59 and create a pattern with the rule
subtract 7.

What is the third number in the pattern? _____

10. _____

**Create a pattern then find the number in the pattern.****Answers**

Ex) Start at 8 and create a pattern with the rule add 9.

What is the third number in the pattern? 8 17 26 35 44 53

Ex. 26

1) Start at 40 and create a pattern with the rule subtract 4.

What is the fourth number in the pattern? 40 36 32 28 24 20

1. 28

2) Start at 68 and create a pattern with the rule subtract 4.

What is the sixth number in the pattern? 68 64 60 56 52 48

2. 48

3) Start at 20 and create a pattern with the rule add 8.

What is the fourth number in the pattern? 20 28 36 44 52 60

3. 44

4) Start at 37 and create a pattern with the rule add 10.

What is the fourth number in the pattern? 37 47 57 67 77 87

4. 67

5) Start at 47 and create a pattern with the rule add 9.

What is the fifth number in the pattern? 47 56 65 74 83 92

5. 83

6) Start at 36 and create a pattern with the rule add 5.

What is the third number in the pattern? 36 41 46 51 56 61

6. 46

7) Start at 48 and create a pattern with the rule add 4.

What is the fourth number in the pattern? 48 52 56 60 64 68

7. 60

8) Start at 36 and create a pattern with the rule add 3.

What is the third number in the pattern? 36 39 42 45 48 51

8. 42

9) Start at 30 and create a pattern with the rule add 6.

What is the fifth number in the pattern? 30 36 42 48 54 60

9. 54

10) Start at 59 and create a pattern with the rule subtract 7.

What is the third number in the pattern? 59 52 45 38 31 24

10. 45