

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

Ex) Start at 52 and create a pattern with the rule subtract 6.

What is the sixth number in the pattern? 52 46 40 34 28 22

Ex. 22

1) Start at 47 and create a pattern with the rule add 4.

What is the fifth number in the pattern? _____

1. _____

2) Start at 62 and create a pattern with the rule subtract 9.

What is the third number in the pattern? _____

2. _____

3) Start at 101 and create a pattern with the rule subtract 10.

What is the fifth number in the pattern? _____

3. _____

4) Start at 33 and create a pattern with the rule add 4.

What is the fourth number in the pattern? _____

4. _____

5) Start at 31 and create a pattern with the rule subtract 2.

What is the third number in the pattern? _____

5. _____

6) Start at 17 and create a pattern with the rule add 8.

What is the fifth number in the pattern? _____

6. _____

7) Start at 74 and create a pattern with the rule subtract 9.

What is the sixth number in the pattern? _____

7. _____

8) Start at 11 and create a pattern with the rule add 8.

What is the fourth number in the pattern? _____

8. _____

9) Start at 23 and create a pattern with the rule add 9.

What is the third number in the pattern? _____

9. _____

10) Start at 45 and create a pattern with the rule subtract 3.

What is the fifth number in the pattern? _____

10. _____

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

Ex) Start at 52 and create a pattern with the rule subtract 6.

What is the sixth number in the pattern? 52 46 40 34 28 22

Ex. 22

1) Start at 47 and create a pattern with the rule add 4.

What is the fifth number in the pattern? 47 51 55 59 63 67

1. 63

2) Start at 62 and create a pattern with the rule subtract 9.

What is the third number in the pattern? 62 53 44 35 26 17

2. 44

3) Start at 101 and create a pattern with the rule subtract 10.

What is the fifth number in the pattern? 101 91 81 71 61 51

3. 61

4) Start at 33 and create a pattern with the rule add 4.

What is the fourth number in the pattern? 33 37 41 45 49 53

4. 45

5) Start at 31 and create a pattern with the rule subtract 2.

What is the third number in the pattern? 31 29 27 25 23 21

5. 27

6) Start at 17 and create a pattern with the rule add 8.

What is the fifth number in the pattern? 17 25 33 41 49 57

6. 49

7) Start at 74 and create a pattern with the rule subtract 9.

What is the sixth number in the pattern? 74 65 56 47 38 29

7. 29

8) Start at 11 and create a pattern with the rule add 8.

What is the fourth number in the pattern? 11 19 27 35 43 51

8. 35

9) Start at 23 and create a pattern with the rule add 9.

What is the third number in the pattern? 23 32 41 50 59 68

9. 41

10) Start at 45 and create a pattern with the rule subtract 3.

What is the fifth number in the pattern? 45 42 39 36 33 30

10. 33