## Create a pattern then find the number in the pattern.

Ex) Start at 52 and create a pattern with the rule subtract 6.
What is the fourth number in the pattern?

1) Start at 44 and create a pattern with the rule add 2.
What is the third number in the pattern?
2) Start at 24 and create a pattern with the rule add 7.
What is the sixth number in the pattern?
3) Start at 26 and create a pattern with the rule add 7.
What is the sixth number in the pattern?
4) Start at 64 and create a pattern with the rule subtract 8 .
What is the fourth number in the pattern?
5) Start at 30 and create a pattern with the rule add 8.
What is the third number in the pattern?
6) Start at 20 and create a pattern with the rule add 9.
What is the sixth number in the pattern?
7) Start at 71 and create a pattern with the rule subtract 9 .
What is the sixth number in the pattern?
8) Start at 17 and create a pattern with the rule add 4.
What is the fourth number in the pattern?
9) Start at 68 and create a pattern with the rule subtract 9 .
What is the third number in the pattern?
10) Start at 31 and create a pattern with the rule add 9.
What is the fifth number in the pattern?

$\qquad$
$\qquad$ $---\infty-$
$+=-\quad+$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Ex. $\qquad$

1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$

## 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 fourth number in the pattern?

1) Start at 44 and create a pattern with the rule add 2.
What is the third number in the pattern?
$44 \quad 46 \quad 48 \quad 50 \quad 52 \quad 54$
2) Start at 24 and create a pattern with the rule add 7.
What is the sixth number in the pattern?
3) Start at 26 and create a pattern with the rule add 7.
What is the sixth number in the pattern?
4) Start at 64 and create a pattern with the rule subtract 8 .
What is the fourth number in the pattern?
$\underline{26} \quad 33 \quad 40 \quad 47 \quad 54 \quad 61$

| 64 | 56 | 48 | 32 | 24 |
| :--- | :--- | :--- | :--- | :--- |

5) Start at 30 and create a pattern with the rule add 8.
What is the third number in the pattern?


Ex. $\qquad$

1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. 


6.

8. $\qquad$
10. $\qquad$
6) Start at 20 and create a pattern with the rule add 9.
What is the sixth number in the pattern?

$$
20 \quad 29 \quad 38 \quad 47 \quad 56 \quad 65
$$

7. 

$\underline{\square}$ 4
7) Start at 71 and create a pattern with the rule subtract 9 .
What is the sixth number in the pattern?

$$
71 \quad 62 \quad 53 \quad 44 \quad 35 \quad 26
$$

8) Start at 17 and create a pattern with the rule add 4.
What is the fourth number in the pattern?

$$
17 \quad 21 \quad 25 \quad 29 \quad 33 \quad 37
$$

9) Start at 68 and create a pattern with the rule subtract 9 .
What is the third number in the pattern? $\quad 68 \quad 59 \quad 50 \quad 41 \quad 32 \quad 23$
10) Start at 31 and create a pattern with the rule add 9.
What is the fifth number in the pattern? $\quad \underline{31} \quad 40 \quad 49 \quad \underline{58} \quad \underline{67} \quad \begin{array}{llll}76 & \end{array}$
