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

Ex) Start at 68 and create a pattern with the rule
subtract 7 .
What is the fourth number in the pattern?


1) Start at 21 and create a pattern with the rule add 9.
What is the sixth number in the pattern?
2) Start at 80 and create a pattern with the rule subtract 6.
What is the fourth number in the pattern?
3) Start at 62 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern?
4) Start at 6 and create a pattern with the rule add 6.
What is the third number in the pattern?
5) Start at 94 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern?

$\qquad$

Ex.
1.
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
8) Start at 39 and create a pattern with the rule add 4.
What is the fifth number in the pattern?
9) Start at 35 and create a pattern with the rule add 5.
What is the sixth number in the pattern?
10) Start at 35 and create a pattern with the rule add 2.
What is the sixth number in the pattern?
$\qquad$
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## Create a pattern then find the number in the pattern.

Answers
Ex) Start at 68 and create a pattern with the rule subtract 7.
What is the fourth number in the pattern?


1) Start at 21 and create a pattern with the rule add 9.
What is the sixth number in the pattern?
2) Start at 80 and create a pattern with the rule subtract 6.
What is the fourth number in the pattern?
3) Start at 62 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern?

4) Start at 6 and create a pattern with the rule add 6.
What is the third number in the pattern?

| 6 | 12 | 24 | 30 |
| :--- | :--- | :--- | :--- |
| $\underline{36}$ |  |  |  |

5) Start at 94 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern?

6) Start at 47 and create a pattern with the rule subtract 6 .
What is the fifth number in the pattern?

7) Start at 50 and create a pattern with the rule subtract 7.
What is the fifth number in the pattern? $\quad \underline{50} \quad 43 \quad 36 \quad 29 \quad 22 \quad 15$
8) Start at 39 and create a pattern with the rule add 4.
What is the fifth number in the pattern?

$$
39 \quad 43 \quad 47 \quad 51 \quad 55 \quad 59
$$

9) Start at 35 and create a pattern with the rule add 5.
What is the sixth number in the pattern?

$$
35 \quad 40 \quad 45 \quad 50 \quad 55 \quad 60
$$

10) Start at 35 and create a pattern with the rule add 2.
What is the sixth number in the pattern? $\quad \underline{35} \quad \underline{37} \quad \underline{39} \quad \underline{41} \quad 43 \quad 45$

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

Ex) Start at 39 and create a pattern with the rule subtract 5.
What is the third number in the pattern?

1) Start at 37 and create a pattern with the rule add 10 .
What is the fourth number in the pattern?
2) Start at 49 and create a pattern with the rule subtract 4.
What is the third number in the pattern?
3) Start at 25 and create a pattern with the rule add 2.
What is the third number in the pattern?
4) Start at 41 and create a pattern with the rule add 3.
What is the fourth number in the pattern?
5) Start at 48 and create a pattern with the rule subtract 7 .
What is the third number in the pattern?
6) Start at 38 and create a pattern with the rule subtract 4.
What is the fifth number in the pattern?
7) Start at 25 and create a pattern with the rule add 2.
What is the sixth number in the pattern?
8) Start at 31 and create a pattern with the rule add 8.
What is the sixth number in the pattern?
9) Start at 50 and create a pattern with the rule subtract 7.
What is the fifth number in the pattern?
10) Start at 72 and create a pattern with the rule subtract 4.
What is the fifth number in the pattern?


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

Answers
Ex) Start at 39 and create a pattern with the rule subtract 5.
What is the third number in the pattern?

1) Start at 37 and create a pattern with the rule add 10 .
What is the fourth number in the pattern?
2) Start at 49 and create a pattern with the rule subtract 4.
What is the third number in the pattern?
3) Start at 25 and create a pattern with the rule add 2.
What is the third number in the pattern?
4) Start at 41 and create a pattern with the rule add 3.
What is the fourth number in the pattern?
5) Start at 48 and create a pattern with the rule subtract 7 .
What is the third number in the pattern?
6) Start at 38 and create a pattern with the rule subtract 4.
What is the fifth number in the pattern?
7) Start at 25 and create a pattern with the rule add 2.
What is the sixth number in the pattern?
8) Start at 31 and create a pattern with the rule add 8.
What is the sixth number in the pattern?
9) Start at 50 and create a pattern with the rule subtract 7.
What is the fifth number in the pattern?
10) Start at 72 and create a pattern with the rule subtract 4.
What is the fifth number in the pattern? $\quad \underline{72} \quad \underline{68} \quad \underline{64} \quad \underline{60} \quad \underline{56} \quad \underline{52}$
$\underline{37} \quad 47 \quad 57 \quad 67 \quad 77 \quad 87$
$\underline{38} \quad 34 \quad 30 \quad 26 \quad 22 \quad 18$

$$
\underline{31} \quad 39 \quad 47 \quad 55 \quad 63 \quad 71
$$

Ex. 29

1. 67
2. $\qquad$
3. $\qquad$
4. 50
5. 


6.
7.

8. 71
9. $\qquad$
10. $\qquad$

$$
25 \quad 27 \quad 29 \quad 31 \quad 33 \quad 35
$$

$$
\underline{50} \quad 43 \quad 36 \quad 29 \quad 22 \quad 15
$$

$$
\underline{72} \underline{68} \underline{64} \underline{60} \xrightarrow{56}
$$

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

Ex) Start at 6 and create a pattern with the rule
add 2.
What is the sixth number in the pattern?

1) Start at 4 and create a pattern with the rule add 6.
What is the third number in the pattern?
2) Start at 54 and create a pattern with the rule subtract 3.
What is the third number in the pattern?
3) Start at 9 and create a pattern with the rule add 10 .
What is the fourth number in the pattern?
4) Start at 3 and create a pattern with the rule add 3.
What is the sixth number in the pattern?
5) Start at 42 and create a pattern with the rule add 7.
What is the third number in the pattern?

$\qquad$


Ex. 16
1.
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
8) Start at 44 and create a pattern with the rule subtract 4.
What is the third number in the pattern?
9) Start at 41 and create a pattern with the rule add 6.
What is the fourth number in the pattern?
10) Start at 43 and create a pattern with the rule add 6.
What is the sixth number in the pattern?

$\qquad$
6) Start at 14 and create a pattern with the rule add 9.
What is the third number in the pattern?
7) Start at 10 and create a pattern with the rule add 9.
What is the fifth number in the pattern?

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

Answers
Ex) Start at 6 and create a pattern with the rule add 2.
What is the sixth number in the pattern?

1) Start at 4 and create a pattern with the rule add 6.
What is the third number in the pattern?
$\underline{4} \quad 10 \quad 16 \quad 22 \quad 28 \quad 34$
2) Start at 54 and create a pattern with the rule subtract 3.
What is the third number in the pattern?
3) Start at 9 and create a pattern with the rule add 10 .
What is the fourth number in the pattern?
$\underline{9} \quad 19 \quad 29 \quad 39 \quad 49 \quad 59$
4) Start at 3 and create a pattern with the rule add 3.
What is the sixth number in the pattern?
$3 \quad 6 \quad 9 \quad 12 \quad 15 \quad 18$
5) Start at 42 and create a pattern with the rule add 7.
What is the third number in the pattern?


Ex. 16

1. 16
2. 48
3. $\qquad$
4. 18
5. 56
6. 32
7. 

46
8.
$\qquad$
10. $\qquad$
6) Start at 14 and create a pattern with the rule add 9.
What is the third number in the pattern?

$$
14 \quad 23 \quad 32 \quad 41 \quad 50 \quad 59
$$

9. 
7) Start at 10 and create a pattern with the rule add 9.
What is the fifth number in the pattern?

$$
10 \quad 19 \quad 28 \quad 37 \quad 46 \quad 55
$$

8) Start at 44 and create a pattern with the rule subtract 4.
What is the third number in the pattern? $\quad 44 \quad 40 \quad 36 \quad 32 \quad 28 \quad 24$
9) Start at 41 and create a pattern with the rule add 6.
What is the fourth number in the pattern?

10) Start at 43 and create a pattern with the rule add 6.
What is the sixth number in the pattern? $\quad 43 \quad 49 \quad 55 \quad \underline{61} \quad \underline{67} \quad \underline{73}$

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

Ex) Start at 25 and create a pattern with the rule add 8 .
What is the fourth number in the pattern?

1) Start at 99 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern?
2) Start at 50 and create a pattern with the rule add 4.
What is the fourth number in the pattern?
3) Start at 36 and create a pattern with the rule add 5.
What is the third number in the pattern?
4) Start at 35 and create a pattern with the rule add 10 .
What is the fifth number in the pattern?
5) Start at 36 and create a pattern with the rule add 5.
What is the third number in the pattern?
6) Start at 79 and create a pattern with the rule subtract 9 .
What is the fifth number in the pattern?
7) Start at 58 and create a pattern with the rule subtract 8 .
What is the fourth number in the pattern?
8) Start at 17 and create a pattern with the rule add 5.
What is the fifth number in the pattern?
9) Start at 31 and create a pattern with the rule add 2.
What is the fourth number in the pattern?
10) Start at 21 and create a pattern with the rule add 9 .
What is the fourth number in the pattern?

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

Answers
Ex) Start at 25 and create a pattern with the rule add 8.
What is the fourth number in the pattern?


1) Start at 99 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern?

2) Start at 50 and create a pattern with the rule add 4.
What is the fourth number in the pattern?
3) Start at 36 and create a pattern with the rule add 5.
What is the third number in the pattern?
4) Start at 35 and create a pattern with the rule add 10 .
What is the fifth number in the pattern?

5) Start at 36 and create a pattern with the rule add 5.
What is the third number in the pattern?
6) Start at 79 and create a pattern with the rule subtract 9 .
What is the fifth number in the pattern?

7) Start at 58 and create a pattern with the rule subtract 8 .
What is the fourth number in the pattern? $\quad 58 \quad 50 \quad 42 \quad 34 \quad 26 \quad 18$
8) Start at 17 and create a pattern with the rule add 5.
What is the fifth number in the pattern?

$$
17 \quad 22 \quad 27 \quad 32 \quad 37 \quad 42
$$

9) Start at 31 and create a pattern with the rule add 2.
What is the fourth number in the pattern? $\quad 31 \quad 33 \quad 35 \quad 37 \quad 39 \quad 41$
10) Start at 21 and create a pattern with the rule add 9.
What is the fourth number in the pattern? $\quad 21 \quad 30 \quad 39 \quad 48 \quad 57 \quad 66$

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

Ex) Start at 77 and create a pattern with the rule subtract 10 .
What is the third number in the pattern?

1) Start at 7 and create a pattern with the rule add 10 .
What is the third number in the pattern?
2) Start at 56 and create a pattern with the rule subtract 4 .
What is the fourth number in the pattern?
3) Start at 97 and create a pattern with the rule subtract 10 .
What is the fourth number in the pattern?
4) Start at 91 and create a pattern with the rule subtract 8 .
What is the fifth number in the pattern?
5) Start at 20 and create a pattern with the rule add 3.
What is the third number in the pattern?
6) Start at 81 and create a pattern with the rule subtract 6 .
What is the fifth number in the pattern?
7) Start at 44 and create a pattern with the rule subtract 5 .
What is the fifth number in the pattern?
8) Start at 62 and create a pattern with the rule subtract 5 .
What is the fourth number in the pattern?
9) Start at 50 and create a pattern with the rule add 5.
What is the sixth number in the pattern?
10) Start at 68 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern?

$$
\begin{aligned}
& \underline{77} \quad \underline{67} \underline{57} \quad 47 \quad 27 \\
& \text { ___ _ _ _ _ _ } \\
& \begin{array}{l}
----\infty \\
-\quad-\quad-\quad-\quad
\end{array} \\
& \begin{array}{l}
-----\infty \\
--\infty-\infty-\infty
\end{array} \\
& 6 . \\
& 7 . \\
& 8 . \\
& 9 . \\
& 10 .
\end{aligned}
$$

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

Answers
Ex) Start at 77 and create a pattern with the rule subtract 10 .
What is the third number in the pattern?

1) Start at 7 and create a pattern with the rule add 10 .
What is the third number in the pattern?
2) Start at 56 and create a pattern with the rule subtract 4.
What is the fourth number in the pattern?
3) Start at 97 and create a pattern with the rule subtract 10 .
What is the fourth number in the pattern?

$\underline{97} \quad$| 87 | 67 | 57 |
| :--- | :--- | :--- | :--- |

4) Start at 91 and create a pattern with the rule subtract 8 .
What is the fifth number in the pattern?
5) Start at 20 and create a pattern with the rule add 3.
What is the third number in the pattern?
6) Start at 81 and create a pattern with the rule subtract 6.
What is the fifth number in the pattern?

7) Start at 44 and create a pattern with the rule subtract 5.
What is the fifth number in the pattern?

10. $\qquad$
8) Start at 62 and create a pattern with the rule subtract 5 .
What is the fourth number in the pattern?

9) Start at 50 and create a pattern with the rule add 5.
What is the sixth number in the pattern?

$$
\underline{50} \underline{55} \xrightarrow{60} \xrightarrow{65} \xrightarrow{70}
$$

10) Start at 68 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern? $\quad 68 \quad 59 \quad 50 \quad 41 \quad 32 \quad 23$

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

Ex) Start at 56 and create a pattern with the rule subtract 9 .
What is the fifth number in the pattern?


Ex.
20

1) Start at 44 and create a pattern with the rule subtract 7.
What is the fifth number in the pattern?
2) Start at 47 and create a pattern with the rule add 7.
What is the third number in the pattern?
3) Start at 33 and create a pattern with the rule add 8.
What is the fifth number in the pattern?
4) Start at 24 and create a pattern with the rule add 4.
What is the sixth number in the pattern?
5) Start at 15 and create a pattern with the rule add 4.
What is the fourth number in the pattern?
1. 
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
8) Start at 13 and create a pattern with the rule add 4.
What is the sixth number in the pattern?
9) Start at 8 and create a pattern with the rule add 3.
What is the sixth number in the pattern?
10) Start at 102 and create a pattern with the rule subtract 10 .
What is the third number in the pattern?
$\qquad$


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

Answers
Ex) Start at 56 and create a pattern with the rule subtract 9 .
What is the fifth number in the pattern?

1) Start at 44 and create a pattern with the rule subtract 7.
What is the fifth number in the pattern?
2) Start at 47 and create a pattern with the rule add 7.
What is the third number in the pattern?
3) Start at 33 and create a pattern with the rule add 8.
What is the fifth number in the pattern?
4) Start at 24 and create a pattern with the rule add 4.
What is the sixth number in the pattern?
5) Start at 15 and create a pattern with the rule add 4.
What is the fourth number in the pattern?
6) Start at 13 and create a pattern with the rule add 4.
What is the sixth number in the pattern?
7) Start at 8 and create a pattern with the rule add 3.

What is the sixth number in the pattern?

10) Start at 102 and create a pattern with the rule subtract 10 .
What is the third number in the pattern?


$\begin{array}{lllll}24 & 28 & 32 & 36 & 44\end{array}$

$\underline{15} \quad 19 \quad 23 \quad 27 \quad 31 \quad 35$

10. $\qquad$
8. $\qquad$
9. $\qquad$
82
6. 5
4. 44
5. $\qquad$
7.

75

$\qquad$
Ex. 20

1. $\mathbf{1 6}$
2. 

61
3. 65
4. $\qquad$
27
6) Start at 20 and create a pattern with the rule subtract 3 .
What is the sixth number in the pattern?
7) Start at 45 and create a pattern with the rule add 10 .
What is the fourth number in the pattern?

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

Ex) Start at 92 and create a pattern with the rule subtract 7.
What is the fifth number in the pattern?

1) Start at 59 and create a pattern with the rule subtract 8 .
What is the third number in the pattern?
2) Start at 45 and create a pattern with the rule subtract 6.
What is the third number in the pattern?
3) Start at 39 and create a pattern with the rule add 5.
What is the fourth number in the pattern?
4) Start at 70 and create a pattern with the rule subtract 10 .
What is the fifth number in the pattern?
5) Start at 22 and create a pattern with the rule add 8.
What is the third number in the pattern?
6) Start at 95 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern?
7) Start at 8 and create a pattern with the rule add 3.
What is the third number in the pattern?
8) Start at 38 and create a pattern with the rule add 8.
What is the third number in the pattern?
9) Start at 22 and create a pattern with the rule add 3.
What is the fourth number in the pattern?
10) Start at 48 and create a pattern with the rule add 9.
What is the fourth number in the pattern?

$\qquad$
$\qquad$

$\qquad$
$\qquad$
$\qquad$
$\qquad$
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## Create a pattern then find the number in the pattern.

Answers
Ex) Start at 92 and create a pattern with the rule
subtract 7.
What is the fifth number in the pattern?

1) Start at 59 and create a pattern with the rule subtract 8 .
What is the third number in the pattern?
2) Start at 45 and create a pattern with the rule subtract 6.
What is the third number in the pattern?
3) Start at 39 and create a pattern with the rule add 5.
What is the fourth number in the pattern?
4) Start at 70 and create a pattern with the rule subtract 10 .
What is the fifth number in the pattern?
5) Start at 22 and create a pattern with the rule add 8.
What is the third number in the pattern?
6) Start at 95 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern?

$$
95 \quad 86 \xrightarrow{77} \xrightarrow{68} \xrightarrow{59} \xrightarrow{50}
$$

7) Start at 8 and create a pattern with the rule add 3.
What is the third number in the pattern?

$$
\underline{8} \quad 11 \quad 14 \quad 17 \quad 20 \quad 23
$$

Ex. 64

1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\quad 30$
5. 


6. 68
7.

8.

10. $\qquad$

$$
38 \quad 46 \quad 54 \quad 62 \quad 70 \xrightarrow{78}
$$

$$
\underline{22} \quad 25 \quad 28 \quad 31 \quad 34 \quad 37
$$

10) Start at 48 and create a pattern with the rule add 9.
What is the fourth number in the pattern? $\quad 48 \quad \underline{57} \quad 66 \quad \begin{array}{lllll} & 75 & 84 & 93\end{array}$

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

Ex) Start at 51 and create a pattern with the rule subtract 6.
What is the fifth number in the pattern?

1) Start at 35 and create a pattern with the rule add 7.
What is the fifth number in the pattern?
2) Start at 9 and create a pattern with the rule add 3.
What is the sixth number in the pattern?
3) Start at 14 and create a pattern with the rule add 3.
What is the fourth number in the pattern?
4) Start at 36 and create a pattern with the rule add 6.
What is the fourth number in the pattern?
5) Start at 30 and create a pattern with the rule add 7.
What is the sixth number in the pattern?
6) Start at 31 and create a pattern with the rule add 4.
What is the sixth number in the pattern?
7) Start at 4 and create a pattern with the rule add 4.
What is the fourth number in the pattern?
8) Start at 47 and create a pattern with the rule subtract 2.
What is the sixth number in the pattern?
9) Start at 4 and create a pattern with the rule add 8.
What is the fifth number in the pattern?
10) Start at 32 and create a pattern with the rule subtract 4.
What is the fifth number in the pattern?

$\qquad$
$\qquad$

Ex.
27

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 51 and create a pattern with the rule subtract 6.
What is the fifth number in the pattern?

1) Start at 35 and create a pattern with the rule add 7.
What is the fifth number in the pattern?
2) Start at 9 and create a pattern with the rule add 3.
What is the sixth number in the pattern?
3) Start at 14 and create a pattern with the rule add 3.
What is the fourth number in the pattern?
4) Start at 36 and create a pattern with the rule add 6.
What is the fourth number in the pattern?
5) Start at 30 and create a pattern with the rule add 7.
What is the sixth number in the pattern?
6) Start at 31 and create a pattern with the rule add 4.
What is the sixth number in the pattern?
7) Start at 4 and create a pattern with the rule add 4.
What is the fourth number in the pattern?
8) Start at 47 and create a pattern with the rule subtract 2.
What is the sixth number in the pattern? $\quad 47 \quad 45 \quad 43 \quad 41 \quad 39 \quad 37$
9) Start at 4 and create a pattern with the rule add 8.
What is the fifth number in the pattern?
10) Start at 32 and create a pattern with the rule subtract 4.
What is the fifth number in the pattern? $\quad \underline{32} \quad \underline{28} \quad \underline{24} \quad \underline{16} \quad \underline{16}$

$$
14 \quad 17 \quad 20 \quad 23 \quad 26 \quad 29
$$

$$
36 \quad 42 \quad 48 \quad 54 \quad 60 \quad 66
$$

$$
30 \quad 37 \quad 44 \quad 51 \quad 58 \quad 65
$$

$$
31 \quad 35 \quad 39 \quad 43 \quad 47 \quad 51
$$

$$
4 \quad \begin{array}{llll}
4 & 12 \\
& 20 & 24 \\
\hline
\end{array}
$$

$$
41+43+43+39
$$

$$
\underline{4} \quad 12 \quad 20 \quad 28 \quad 36 \quad 44
$$

$$
\begin{array}{llll}
32 & 28 & 20 & 16 \\
\hline
\end{array}
$$

$$
\begin{aligned}
& \underline{51} \quad 45 \quad 39 \quad 33 \quad 27 \quad 21 \\
& \underline{35} \quad 42 \quad 49 \quad 56 \quad 63 \quad 70 \\
& \underline{9} \quad \underline{12} \quad 18 \quad 21 \quad 24
\end{aligned}
$$

Ex. 27

1. 63
2. $\qquad$
3. $\qquad$
4. 54
5. $\qquad$
6. $\quad 51$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$

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

Ex) Start at 104 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern?

1) Start at 93 and create a pattern with the rule subtract 8 .
What is the fourth number in the pattern?
2) Start at 7 and create a pattern with the rule add 6.
What is the fourth number in the pattern?
3) Start at 28 and create a pattern with the rule add 3.
What is the fourth number in the pattern?
4) Start at 56 and create a pattern with the rule subtract 2.
What is the fifth number in the pattern?
5) Start at 57 and create a pattern with the rule subtract 3.
What is the sixth number in the pattern?
6) Start at 60 and create a pattern with the rule subtract 8 .
What is the third number in the pattern?
7) Start at 94 and create a pattern with the rule subtract 10 .
What is the fifth number in the pattern?
8) Start at 29 and create a pattern with the rule add 2.
What is the third number in the pattern?
9) Start at 41 and create a pattern with the rule subtract 6.
What is the fourth number in the pattern?
10) Start at 28 and create a pattern with the rule add 3.
What is the fourth number in the pattern?

$\qquad$
$\qquad$
$\qquad$

$\qquad$
$\qquad$
$\qquad$
$\qquad$

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

Answers
Ex) Start at 104 and create a pattern with the
rule subtract 9 .
What is the fourth number in the pattern?

$$
\underline{104} \underline{95} \xrightarrow{86} \underline{77} \underline{68} \underline{59}
$$

1) Start at 93 and create a pattern with the rule subtract 8 .
What is the fourth number in the pattern?

2) Start at 7 and create a pattern with the rule add 6.
What is the fourth number in the pattern?

3) Start at 28 and create a pattern with the rule add 3.
What is the fourth number in the pattern?
$\underline{28} \quad 31 \quad 34 \quad 37 \quad 40 \quad 43$
4) Start at 56 and create a pattern with the rule subtract 2.
What is the fifth number in the pattern?
5) Start at 57 and create a pattern with the rule subtract 3.
What is the sixth number in the pattern?
Ex. $\qquad$
1. $\qquad$
2. 

25
3. $\qquad$
4. $\qquad$
5.

6.
$\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
6) Start at 60 and create a pattern with the rule subtract 8 .
What is the third number in the pattern?

$$
\begin{array}{llll}
60 & 52 \\
\hline
\end{array} \frac{44}{} \quad 28 \quad 20
$$

7. 

$56 \quad \underline{54} \xrightarrow{52} \quad \underline{48} \xrightarrow{46}$

$$
57 \quad 54 \quad 51 \quad 48 \quad 45 \quad 42
$$

7) Start at 94 and create a pattern with the rule subtract 10 .
What is the fifth number in the pattern?

$$
94 \quad \begin{array}{ll}
94 & 74 \\
\boxed{4 n} & 54 \\
\hline
\end{array}
$$

8) Start at 29 and create a pattern with the rule add 2.
What is the third number in the pattern? $\quad 29 \quad 31 \quad 33 \quad 35 \quad 37 \quad 39 \quad 3$
9) Start at 41 and create a pattern with the rule subtract 6.
What is the fourth number in the pattern? $\quad 41 \quad 35 \quad 29 \quad 23 \quad 17 \quad 11$
10) Start at 28 and create a pattern with the rule add 3.
$\begin{array}{lllllllll}\text { What is the fourth number in the pattern? } & \underline{28} & \underline{31} & 34 & 37 & 40 & 43\end{array}$

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

Ex) Start at 4 and create a pattern with the rule add 6.
What is the fifth number in the pattern?

1) Start at 40 and create a pattern with the rule add 10 .
What is the sixth number in the pattern?
2) Start at 67 and create a pattern with the rule subtract 9 .
What is the sixth number in the pattern?
3) Start at 78 and create a pattern with the rule subtract 5 .
What is the sixth number in the pattern?
4) Start at 48 and create a pattern with the rule add 8.
What is the fourth number in the pattern?
5) Start at 87 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern?


Ex. 28

1. $\qquad$
2. $\qquad$
$\qquad$
$\qquad$

6) Start at 7 and create a pattern with the rule add 3.
What is the fourth number in the pattern?
7) Start at 33 and create a pattern with the rule subtract 4.
What is the sixth number in the pattern?
8) Start at 15 and create a pattern with the rule add 10 .
What is the sixth number in the pattern?
9) Start at 26 and create a pattern with the rule add 10 .
What is the fifth number in the pattern?
10) Start at 22 and create a pattern with the rule subtract 2.
What is the third number in the pattern?
$\qquad$


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

Answers
Ex) Start at 4 and create a pattern with the rule add 6.
What is the fifth number in the pattern?


1) Start at 40 and create a pattern with the rule add 10 .
What is the sixth number in the pattern?
$40 \quad \underline{50} \quad 60 \quad 70 \quad 80 \quad 90$
2) Start at 67 and create a pattern with the rule subtract 9 .
What is the sixth number in the pattern?
3) Start at 78 and create a pattern with the rule subtract 5 .
What is the sixth number in the pattern?
4) Start at 48 and create a pattern with the rule add 8.
What is the fourth number in the pattern?
$\underline{67} \quad 58 \quad 49 \quad 40 \quad 31 \quad 22$
5) Start at 87 and create a pattern with the rule subtract 9 .
What is the fourth number in the pattern?

$48 \quad \underline{56} \quad$| 64 | 72 | 80 | 88 |
| :--- | :--- | :--- | :--- |

8. $\qquad$
9. $\qquad$
10. $\qquad$
6) Start at 7 and create a pattern with the rule add 3.
What is the fourth number in the pattern?

7) Start at 33 and create a pattern with the rule subtract 4.
What is the sixth number in the pattern? $\quad \underline{33} \quad \underline{29} \quad \underline{25} \quad \underline{17} \quad \underline{13}$
8) Start at 15 and create a pattern with the rule add 10 .
What is the sixth number in the pattern?

9) Start at 26 and create a pattern with the rule add 10 .

10) Start at 22 and create a pattern with the rule subtract 2.
$\begin{array}{lllllll}\text { What is the third number in the pattern? } & \underline{22} \quad \underline{20} \quad 18 & \underline{16} & \underline{14} & \underline{12}\end{array}$
