## 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. $\qquad$

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Answers
Ex) Start at 51 and create a pattern with the rule subtract 6.
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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? $\quad \underline{32} \quad \underline{28} \quad \underline{24} \quad \underline{16} \quad \underline{120}$

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

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

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

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

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

$$
41+43+43+39
$$

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

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

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

Ex. 27

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