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

Ex) Start at 77 and create a pattern with the rule subtract 8 .
What is the sixth number in the pattern?

1) Start at 40 and create a pattern with the rule add 6.
What is the fifth number in the pattern?
2) Start at 42 and create a pattern with the rule add 8.
What is the sixth number in the pattern?
3) Start at 56 and create a pattern with the rule subtract 6 .
What is the third number in the pattern?
4) Start at 47 and create a pattern with the rule subtract 7 .
What is the fifth number in the pattern?
5) Start at 85 and create a pattern with the rule subtract 8 .
What is the fourth number in the pattern?
6) Start at 8 and create a pattern with the rule add 2.
What is the fifth number in the pattern?
7) Start at 38 and create a pattern with the rule subtract 2 .
What is the fifth number in the pattern?
8) Start at 45 and create a pattern with the rule subtract 7 .
What is the sixth number in the pattern?
9) Start at 15 and create a pattern with the rule add 9 .
What is the fifth number in the pattern?
10) Start at 48 and create a pattern with the rule add 5.
What is the sixth number in the pattern?

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$-\infty-\infty-\infty-\infty$
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Answers
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$$
\begin{array}{lllll}
8 & 10 & 16 & 18 \\
\hline
\end{array}
$$

Ex. $\qquad$ 37

1. $\qquad$
2. $\qquad$
3. $\qquad$
4. 19
5. $\qquad$
6. $\quad 16$
7. $\qquad$
8. 

$\qquad$
10. $\qquad$

$$
38 \quad 36 \quad 34 \quad 32 \quad 30 \quad 28
$$

9. 
8) Start at 45 and create a pattern with the rule subtract 7 .
What is the sixth number in the pattern?

$$
45 \quad 38 \quad 31 \quad 24 \quad 17 \quad 10
$$

9) Start at 15 and create a pattern with the rule add 9.
What is the fifth number in the pattern?

$$
15 \quad 24 \quad 33 \xrightarrow{42} \xrightarrow{51} \xrightarrow{60}
$$

10) Start at 48 and create a pattern with the rule add 5.
What is the sixth number in the pattern? $\quad 48 \quad \underline{53} \quad 58 \quad \underline{63} \quad \underline{68} \quad \underline{73}$
