

Calculate the requested value(s) in each problem.

1. A square has a perimeter of 36 in. What is the length of one side of the square?
2. A square has a perimeter of 144 in. What is the length of one side of the square?
3. A square has a side length of 43 units. What is the perimeter of the square?
4. A square has a side length of 37 units. What is the perimeter of the square?
5. Given square $ABCD$ with $AB = 2x + 1$ and $CD = 5x - 19$, what is the perimeter of the square?
6. Given square $LMNO$ with $LM = x + 4$ and $NO = 7x - 25$, what is the perimeter of the square?
7. Square $RSTU$ has a perimeter of $14x + 7$ and a side length of $x + 15$. What is the numerical value of the perimeter of the square?
8. Square $WXYZ$ has a perimeter of $24x - 4$ and a side length of $x + 15$. What is the numerical value of the perimeter of the square?
9. Rectangle $EFGH$ has the following lengths: $EF = 12x$, $FG = 16$, and $HG = 3x + 18$. What is the perimeter of the rectangle?
10. Rectangle $EFGH$ has the following lengths: $EF = 8x$, $FG = 24$, and $HG = 5x + 12$. What is the perimeter of the rectangle?
11. The length of a rectangle is twice the width. If the rectangle's perimeter is 60 cm, what are the dimensions of the rectangle?
12. The width of a rectangle is one-third of the length. If the rectangle's perimeter is 40 cm, what are the dimensions of the rectangle?
13. A rectangular playground has a perimeter of 300 yards. If the width of the playground is 12 yards less than half its length, what are the dimensions of the playground?
14. A rectangular pool has a perimeter of 450 feet. If the length of the pool is 6 feet more than twice its width, what are the dimensions of the pool?