

EXERCISE 1

Write an algebraic expression for the area of a square with side length s . Then use algebra to find the area of a square with side length $s + 1$. Compare the two areas. How much larger is the area of the square with side length $s + 1$ than the area of the square with side length s ?

For example:

Area of the square with side length s :

Area of the square with side length $s + 1$:

How much larger is the area of the square with side length $s + 1$ than the area of the square with side length s ?

Area of the square with side length s :

Area of the square with side length $s + 1$:

How much larger is the area of the square with side length $s + 1$ than the area of the square with side length s ?

Write an algebraic expression for the area of a square with side length s .

Write an algebraic expression for the area of a square with side length s .