

Name _____

Algebraic Expressions

Write algebraic expressions to represent the area and perimeter of geometric shapes.

1) Write an expression for the perimeter of a rectangle with length l and width w . $2(l + w)$	2) Write an expression for the area of a rectangle with length l and width w . $l \times w$
3) Write an expression for the perimeter of a square with side length s . $4s$	4) Write an expression for the area of a square with side length s . s^2
5) Write an expression for the perimeter of a triangle with sides a , b , and c . $a + b + c$	6) Write an expression for the area of a triangle with base b and height h . $\frac{1}{2}b \times h$
7) Write an expression for the perimeter of a parallelogram with sides a and b . $2(a + b)$	8) Write an expression for the area of a parallelogram with base b and height h . $b \times h$
9) Write an expression for the perimeter of a rhombus with side length s . $4s$	10) Write an expression for the area of a rhombus with diagonals d_1 and d_2 . $\frac{1}{2}(d_1 \times d_2)$