

Matching Algebraic Expressions

Match each algebraic expression to an explanation in words. Then match them to the area of a shape.

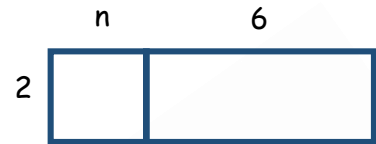
Algebraic Expression

Explanation in Words

Area of Shape

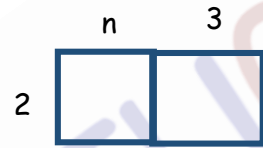
$$\frac{n + 6}{2}$$

Multiply n by two, then add six.



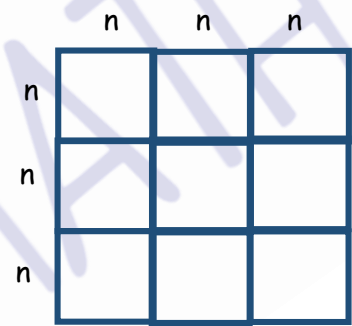
$$3n^2$$

Multiply n by three, then square the answer.



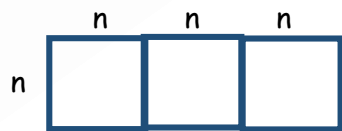
$$2n + 12$$

Add six to n , then multiply by two.



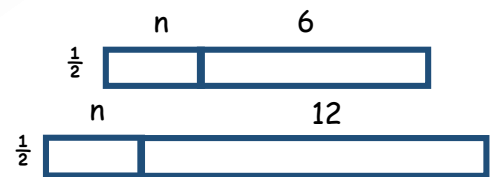
$$2n + 6$$

Add six to n , then divide by two.



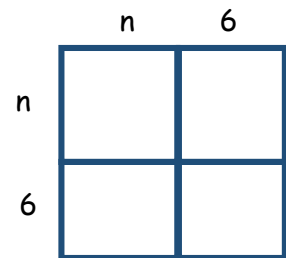
$$2(n + 3)$$

Add three to n , then multiply by two.



$$\frac{n}{2} + 6$$

Add six to n , then square the answer.



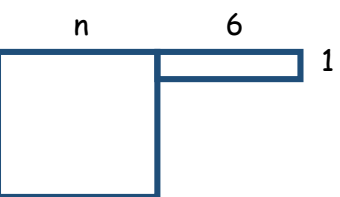
$$n^2 + 12n + 36$$

Multiply n by two, then add twelve.



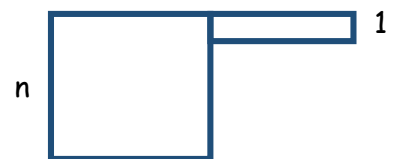
$$\frac{n}{2} + 3$$

Divide n by two, then add six.



$$n^2 + 6$$

Square n , then add six.



$$n^2 + 6^2$$

Square n , then multiply by nine.



Challenge: Can you create your own set of matching cards?

Can you include negative or two sets of brackets?

