

How many different ways can you make the word SNOW?

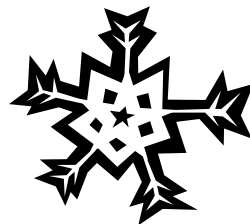
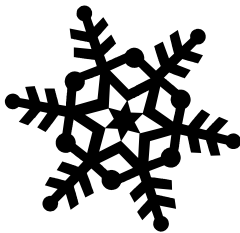


S

N N

O O O

W W W W





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S N N O O O W W W W	S N N O O O W W W W	S N N O O O W W W W
S N N O O O W W W W	S N N O O O W W W W	S N N O O O W W W W
S N N O O O W W W W	S N N O O O W W W W	S N N O O O W W W W
S N N O O O W W W W	S N N O O O W W W W	S N N O O O W W W W



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How many different ways can you make the word SNOW?



1 1 1 1 2 1 1 3 3 1	S N N O O O W W W W
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EXPLANATION:

- The word SNOW has 4 letters and should be compared to the fourth row of Pascal's Triangle.
- Comparing the diagrams in the fourth row shows that there should be one way to get to each W on the end.
- There should be three different ways to get to each middle W.
- There will be $1 + 3 + 3 + 1 = 8$ different ways to spell the word SNOW.

