```
%This function calculates the number of grains in a 1 square inch area
at
%100x magnification when the grain size is known
function output=num_grains(n)
%The output is defined by the equation given
output = 2.^(n-1)
end

Not enough input arguments.

Error in num_grains (line 5)
output = 2.^(n-1)
```

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