What is the correct ordering of growth rates for the following functions:

\( f(n) = n(\log n)^2 \)
\( g(n) = n\log 2^n \)
\( h(n) = n\log(\log n) \)

- \( h > g > f \)
- \( h > f > g \)
- \( f > h > g \)
- \( g > h > f \)
- \( f > g > h \)

\( f \) simplifies to \( 2n\log(n) \)
\( g \) simplifies to \( n^{\log(n)} \)
\( h \) I have no clue.

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Subject: Re: Question 13
Posted by jarobinson3 on Mon, 23 Jan 2017 20:07:56 GMT

f and g cannot be simplified, g simplifies to \( n^{\log(n)} \).