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95% two-sided

confidence interval on  $\mu$

is  $\bar{y} \pm z_{\alpha/2} \frac{s}{\sqrt{n}}$

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and statement of the  
problem. Step 2 –  
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Unpopped popcorns.

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the experiment

described in Problem

6.1. Analyze this

experiment assuming

that each replicate

represents a block of a

single production shift.

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conducted a single-  
factor experiment with  
four levels of the factor,  
and each factor level has  
been replicated six  
times.

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