

Practice

- One of Dr. Deming's 14 points states "Cease dependence upon inspection as a way to achieve quality". What is the meaning of this statement?

The product should be designed well enough so that quality is evident and there is no need to inspect quality in.

- Why has six sigma been embraced and sustained by so many organizations?

I. End results are enhanced

III. Use of a disciplined approach

IV. Sound statistical principals are involved

- At the end of a lean six sigma project, who should be the primary beneficiary of the project results?

Customer

- Which of the following is not one of Harry's original six sigma methodology phases?

Define

- The prime objective associated with lean is:

Eliminating Waste

Practice

- Six Sigma project benefits include:

Improved process capability

- Which of the following would be considered a strategic quality goal?

Commitment to the customer

- Using the DMAIC approach to six sigma improvement, at what step would the root cause of the determined and validated?

Analyze

- Increasing performance in a six sigma corporation from 4 sigma to 5 sigma would reduce defects per million by a factor of _____.

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- Defect levels, as reported by Motorola in their six sigma program, are higher than one might expect from use of a standard normal table or traditional capability calculations. Why is this true?

Motorola allowed for 1.5 sigma shift in the mean.