

Analyze Change in an Industrial Model



Name: _____ Date: _____

Use the material to work through each task. Show the requested response.

A fictional workshop comparison

Invented practice data or scenario; not a report of a real study.
A hand workshop makes 10 items in a day with four workers. A new powered workshop makes 40 items with four workers. The new system needs fuel and expensive machinery. These invented figures simplify the comparison and are not historical measurements.

Workshop	Workers	Items per day
Hand	4	10
Powered	4	40

1. By what factor does output change?
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2. What is powered output per worker per day in the model?
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3. Describe a possible benefit of the powered system.

4. Describe a cost not captured by output alone.

5. What real historical evidence would be needed to study workers' lives?

6. Why should the model not stand in for all industrialization?
