

Analyze Change in an Industrial Model: Explore and Explain



Name: _____ Date: _____

Explore the material. Talk through your reasoning with suitable support.

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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