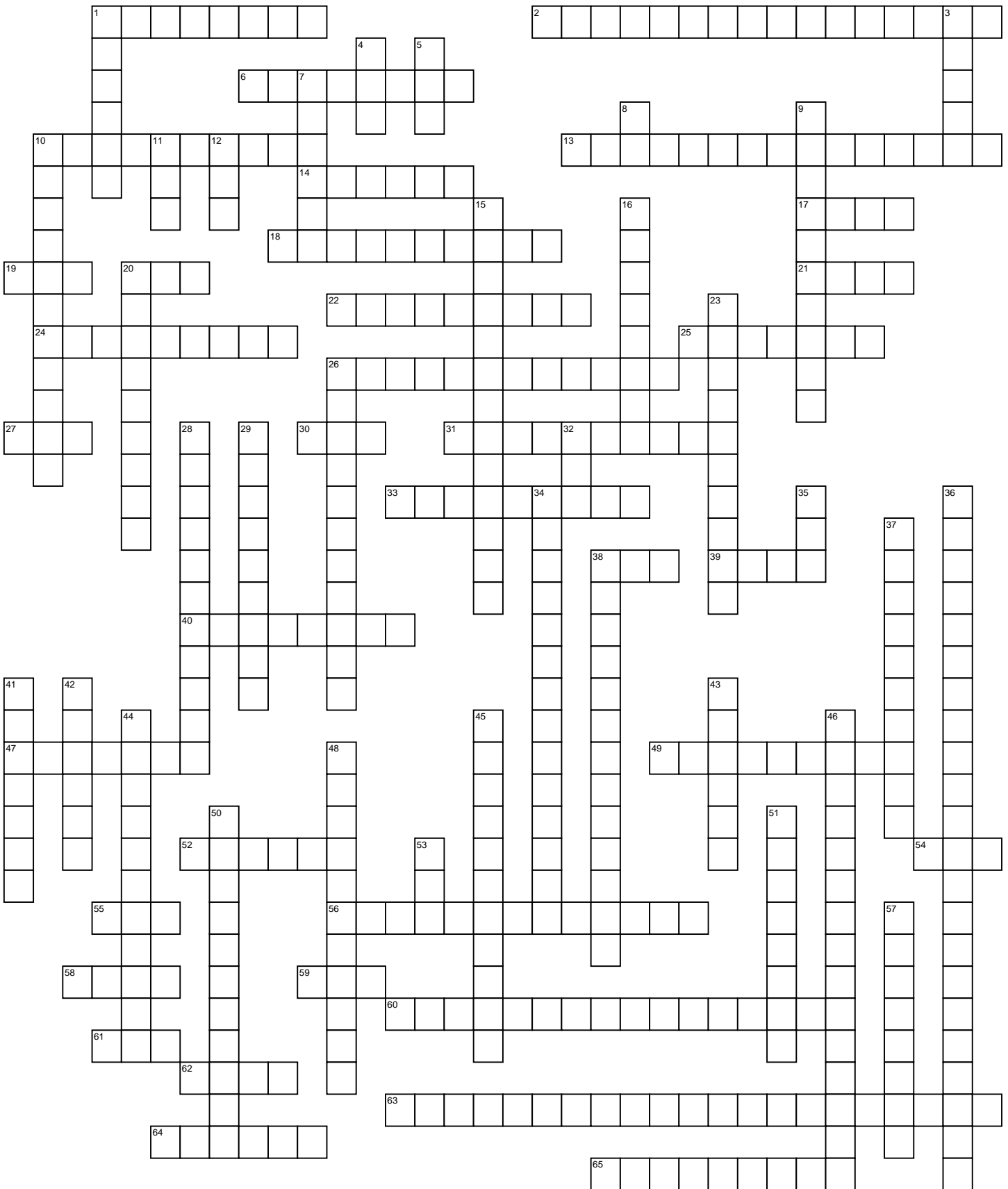


# Lean+ Crossword



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## ACROSS

- 1 The total time from customer order to delivery of the desired product or service (2 words)
- 2 Physical Process Map (2 words)
- 6 Tool to translate customer demand into time units (2 words)
- 10 Standardized processes are the \_\_\_\_\_ of continuous improvement
- 13 Poka-Yoke (2 words)
- 14 Safety or \_\_\_\_\_ stock is held in excess of cycle stock because of uncertainty of demand and/or replenishment time
- 17 A \_\_\_\_\_ is sometimes called a factory-in-a-factory, Pod, Straight Line, L Shaped, U-Shaped and Combination are types of design
- 18 Diamond symbol in Logical Process Flow Map designates this
- 19 Acronym for Just-in-Time
- 20 A detailed system for translating the needs and wishes of the customer into design requirements for products and services, (acronym)
- 21 Acronym for Sales, Inventory & Operations Planning
- 22 Maintain your process maps and use them as a \_\_\_\_\_
- 24 Cycle stock is \_\_\_\_\_ that results from replenishment of sold or used inventory
- 25 Acronym for the 7 wastes
- 26 Defines the amount of work content to be performed by each operator in order to attain balanced flow and linear output at a rate that meets customer demand (2 words)
- 27 Represents, by line item or by order, the % on-time from what was completed and delivered to the customer, (acronym)
- 30 Percent of "things" that pass a given process step THE FIRST TIME (without internal rework), (acronym)
- 31 This type of activity changes the size, shape, fit, form, or function of material or information (for the 1st time) to meet customer requirements (2 words)
- 33 \_\_\_\_\_ employees in the Kaizen process will assist in getting the Kaizen off to a running start
- 38 Acronym for Supply Chain Management
- 39 Acronym for Single Minute Exchange of Die
- 40 The number of "things" that are completed through a process in a given amount of time ("things"/time) (2 words)
- 47 \_\_\_\_\_ alone doesn't automatically mean a Lean Supply Chain
- 49 Kaizen Progress / Results Report, Standard Work Sheet (spaghetti), Kaizen Newspaper, Process Improvement Form (before and after drawings or pictures) (2 words)
- 52 Competitive pressure in a \_\_\_\_\_ marketplace has significantly altered the nature of customer choice
- 54 The time from release of a product into a process until it's completion (= WIP / exit rate), (acronym)
- 55 Where a manufacturing company initiates a job prior to receiving a firm order and places the job into finished goods inventory (acronym)
- 56 Content of Change, Process of Change, People of Change are Three Elements of a \_\_\_\_\_ Change Strategy
- 58 Acronym for Failure Mode and Effects Analysis
- 59 Where a manufacturing company initiates a job only after receiving a firm order (acronym)
- 60 Objective of this is to develop a critical mass of people who are committed to the change, and by doing so ensure the successful implementation and sustainment of the change (2 words)
- 61 Acronym for Human Machine Interface
- 62 Customer Service \_\_\_\_\_ rate is often defined as the percentage of units available when requested by the customer
- 63 A strategy designed to increase the flexibility of operations in order to produce an increasing variety of products in smaller and smaller quantities while simultaneously reducing operating costs and increasing the utilization of the work force as variation in sales volume and mix occur (2 words)
- 64 On the first day of a Kaizen, the charter should be \_\_\_\_\_ by all team members and it should be posted prominently in the Kaizen area
- 65 The amount of clock time required to accomplish the standard work sequence for an operation - including walking, load/unload, inspect, etc. and return to start, excluding queue time (2 words)

## DOWN

- 1 Know the work the associates will perform, and design your \_\_\_\_\_ to maximize their effort and minimize their waste!
- 3 Lights placed on machines or on production lines to indicate operation status
- 4 The TRUE yield of a process that takes into account rework (the hidden office), (acronym)
- 5 Vendor/supplier manages the inventory based on a set agreement that inventory will be available to meet the company's demand within an agreed upon time frame based on a pull signal (acronym)
- 7 A Japanese word that means 'signboard'
- 8 Sort, Simplified Storage, Shine, Standardize, Sustain
- 9 Not all \_\_\_\_\_ time is value-added
- 10 Good cell design promotes \_\_\_\_\_ and teamwork
- 11 Measure of the cash outstanding to the business, also the (extent of) credit extended to customers, (acronym)
- 12 Acronym for Total Productive Maintenance
- 15 Allocation of standard work for a process balanced across operators (2 words)
- 16 Develop a Kaizen plan \_\_\_\_\_ to the chosen process, product or machine
- 20 The time a product spends in a line awaiting the next design, order processing, or fabrication step (2 words)
- 23 80% value-added is considered this (2 words)
- 26 The term \_\_\_\_\_ is used to refer to the chain linking each element of production and supply from raw material to the end customer (2 words)
- 28 The amount of time that a machine is processing a component - excludes load/unload time, time to start machine, time to inspect product (2 words)
- 29 The \_\_\_\_\_ of production is the most important condition for production by kanban and for minimizing idle time in regard to manpower, equipment, and work-in-process.
- 32 Acronym for Electronic Data Interchange
- 34 The amount of time taken to accomplish the processing sequence, including queue and move times (2 words)
- 35 Vendor/supplier delivers directly to the Point-Of-Use location(s) where the inventory is consumed (acronym)
- 36 Active and visible sponsorship, Buy-in from front-line managers and employees, Exceptional project team, Continuous and targeted communication, Well planned and organized approach are the Top 5 \_\_\_\_\_ (3 words)
- 37 \_\_\_\_\_ are a compilation of standardized performance measures (plural)
- 38 Activity of the product focuses only on the product from \_\_\_\_\_ (3 words)
- 41 A defined delivery schedule in which the supplier delivers or replenishes only the empty bottles, containers, locations etc. (2 words)
- 42 We must view the entire supply chain as a \_\_\_\_\_ system
- 43 A Japanese word that means "change for the better" or "continuous improvement"
- 44 A sequence of steps that must be performed in the proper sequence to create value for a customer (2 words)
- 45 Evaluation, Planning / Prep, Event and Follow-up are the four phases of a \_\_\_\_\_ (2 words)
- 46 Awareness, Acceptance, Application (Understanding), Adoption (Buy-in), Advocacy (Commitment) (2 words)
- 48 To take the pilot solution and implement the clearly defined non-negotiables in every zone
- 50 \_\_\_\_\_ waste while effectively managing performance variation is critical to creating Lean Supply Chains
- 51 Identify or create product \_\_\_\_\_ using a product / process matrix (plural)
- 53 Acronym for Work In Process
- 57 A formal event that the project must pass through at each phase of the project (ends with a Go/No-Go decision)

# Lean+ Crossword

Solution:

The crossword puzzle solution contains the following words:

- Across:** LEAD TIME, SPAGHETTI DIAGRAM, TAKT TIME, FOUNDATION, MISTAKE PROOFING, BUFFER, INSPECTION, INVENTORY, REFERENCE, STANDARD WORK, VALUE ADDED, EDUCATING, EXIT RATE, LINKAGE, GLOBAL, COMPREHENSIVE, CHANGEMANAGEMENT, CELLULAR CONFIGURATION, SIGNED, CYCLE TIME.
- Down:** R V, A Y O, 5 P, O M, A L, T C E S I O P, W S, D O T W I M P, R N G, M S F P Y, V A L U E A D D E D, N D, C L A S S M E D, D A S H B O A L S, C R I T I C A L, S C M, T A R T O F I N I, K A U T I N M, F A M I T, M T S, R I N A, H M I, F I L L, N, S I G N E D.