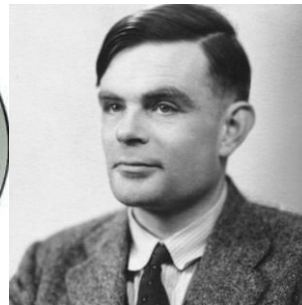
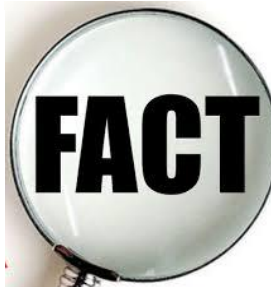
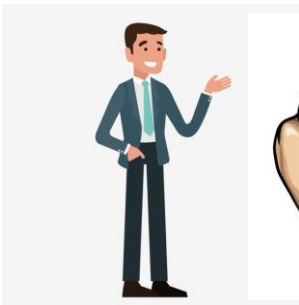
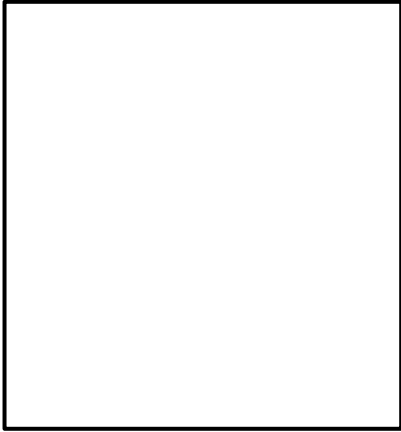


## Introduction

Industrial engineering is a type of engineering that involves applying engineering principles and techniques of scientific management to optimize processes. The goal is to have high productivity at low costs and industrial engineers try to achieve this. See [Newsletter 8](#) for more on Industrial Engineering.

Complete the following puzzles by identifying the objects in the images to make a word:

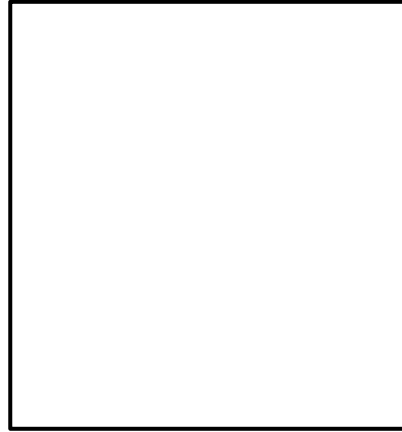




Process



Production



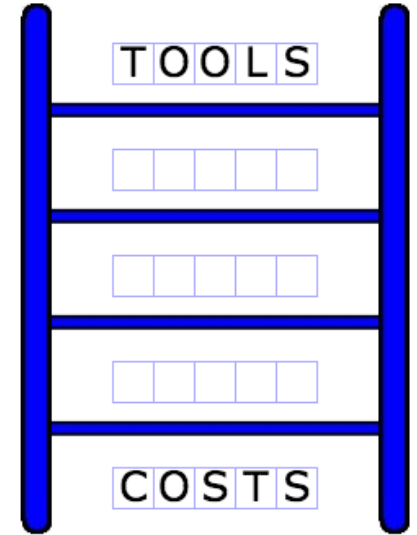
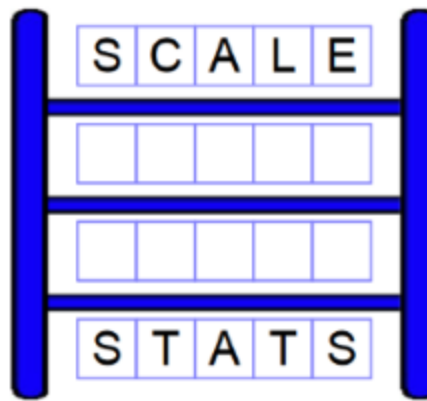
Tools

*Left:*  
Draw what  
you think the  
words are /  
mean

Word Search:

V P R O C E S S L R G T N  
 G R I Q G K V U I N N O T  
 V O M E S A H G I E I O L  
 D D Y G R V D R I T R L F  
 G U Y K R H E C A V U S F  
 E C K I I E I Z E D T A Y  
 G T F S N F I M F S C W J  
 A I L I F M U G O T A T A  
 X O G E I M K C O J F I Z  
 Y N Z T A V V R F A U A A  
 E R P U D O Y G R E N E R  
 Z O K O S E D V S B A G L  
 Z W D F W Z P H H X M K J

Word Ladder: add the next words by only changing one letter at a time



- COSTS
- EFFICIENT
- ENERGY
- ENGINEERING
- FACTORY
- MANUFACTURING
- OPTIMIZATION
- PROCESS
- PRODUCTION
- TOOLS



Word Scramble

UPLPSY NICHA

-----

LYABMESS ENLI

-----

STEMYSS GINH TKIN

-----

SAMS UPRONICDOT

-----

GEBCHANTAELRNEI TSRAP

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