

A First Course on Kinetics and Reaction Engineering

Problem 1.2

Problem Purpose

This problem offers a fun way to learn definitions of key terms.

Problem Statement

Several words and phrases from Unit 1 are hidden in the puzzle on the following page. The words may appear right to left, left to right, top to bottom, bottom to top or in either direction along a diagonal. Find as many terms as you can and write a brief definition for each one you find. There are at least 19 items, along with a few bonuses, hidden in the puzzle.

Problem 1.1 Word Search Puzzle

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