

Name: _____

Date: _____

All About WAVES

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

constructive interference
angle of refraction
component wave
doppler effect
normal line
refraction
overtone
medium

total internal reflection
index of refraction
resultant wave
standing wave
mach number
sonic boom
antinode
node

destructive interference
angle of incidence
antinodal line
longitudinal
transverse
frequency
troughs
ray

angle of reflection
cerenkov radiation
critical angle
diffraction
nodal line
wavefront
crests