

NAME: _____ DATE: _____

unit 4 wave characteristics

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

Create a word list for the word search by identifying the term being defined.

- _____ part of longitudinal wave where particles of the medium are close together
- _____ completely blocking or reflecting all light and allowing none to pass through
- _____ material that allows all light to pass through
- _____ the highest part of a transverse wave
- _____ transverse waves that transfer electrical and magnetic energy
- _____ type of mechanical wave in which particle motion is perpendicular to wave movement
- _____ the bending of waves as they move around a barrier or through an opening
- _____ the bending of waves as they enter a new medium
- _____ the number of waves that pass per second
- _____ waves that require a medium through which to travel
- _____ refers to the volume or loudness of a sound wave
- _____ part of longitudinal wave where particles are spread apart
- _____ distance between two corresponding parts of a wave
- _____ type of mechanical wave in which particle motion is parallel to wave movement
- _____ lowest part of a transverse wave
- _____ the bouncing of waves off a surface
- _____ material that scatters light