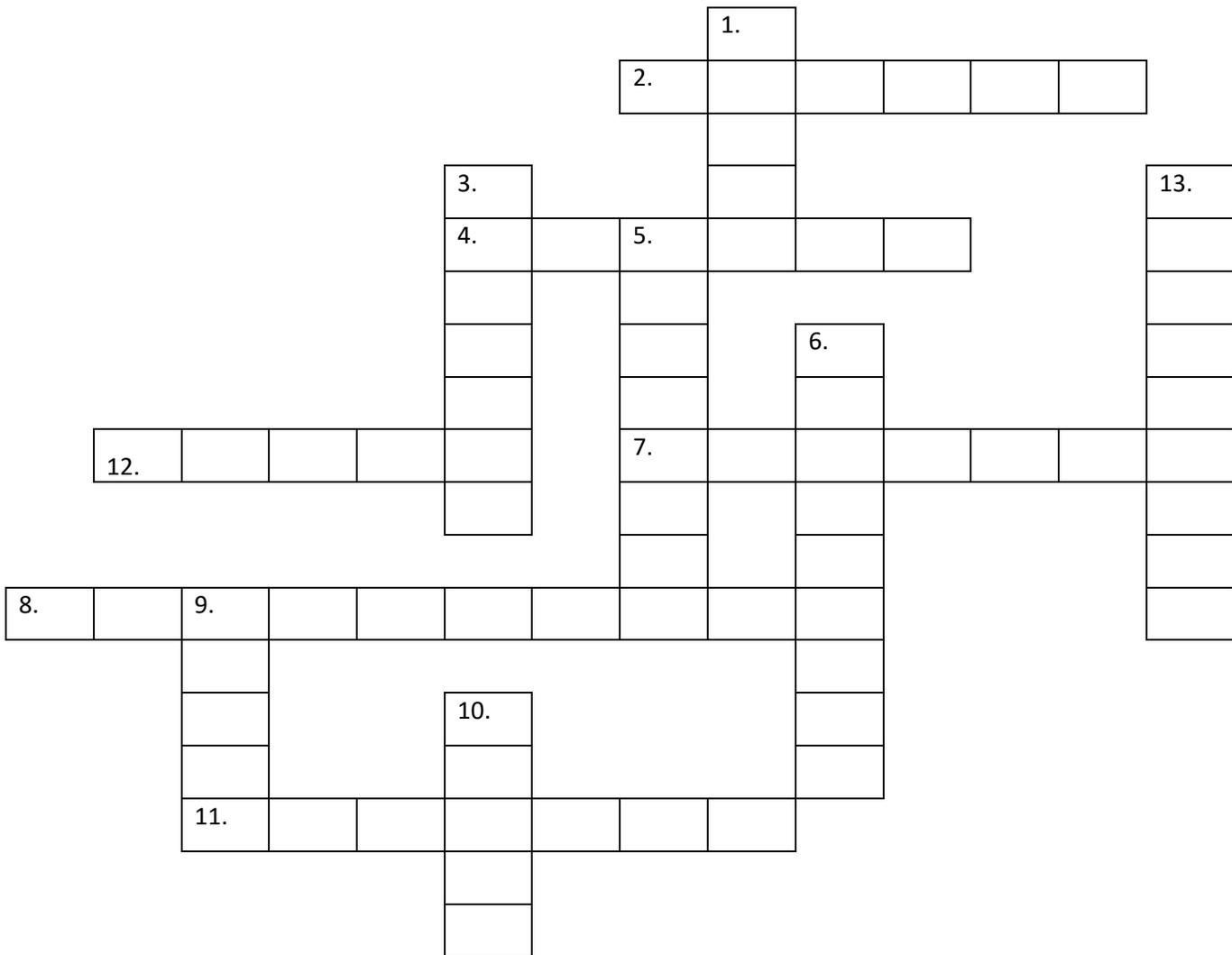


Name: _____

Date: _____

Sound and Noise Crossword Puzzle



Clues

Across

- 2. The amplitude or loudness of a sound
- 4. The capacity for work
- 7. Absence of any sound or noise
- 8. Another way to say hearing loss from excessive high-level noise
- 11. The act of perceiving sound
- 12. A sound that is loud, unpleasant, unexpected, or undesired

Down

- 1. A system used to detect soundwaves underwater
- 3. A unit for measuring the relative loudness of sounds
- 5. To be put in contact with something without protection to the effects
- 6. The introduction of harmful substances or products into the environment
- 9. The height or depth of a tone or sound, depending upon frequency
- 10. A unit of frequency equal to one cycle per second
- 13. The rate of the vibration of sound travelling through air

Name: _____

Date: _____

Sound and Noise Word Search

Direction: Find and circle words from the list below. Hint: Words can be found horizontally, vertically, backwards, and diagonally. Good luck!

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

WORD BANK

Annoying

Library

Silence

Decibel

Measures

Sirens

Ears

Music

Subway

Hearing

Noise

Toys

Honking

Quiet

Vibration

Hush

Safe

Yelling

Name: _____

Date: _____

Fill in the Blanks

Word Bank

Noise	Pitch
Sound	Audible
Decibels (dB)	Wavelength
Noise Pollution	Echolocation
Doppler Effect	Volume

Directions: Fill in the blanks with the term that best matches the description in the sentence.

1. The apparent shift in frequency for a sound wave produced by a moving source, such as the siren of an emergency vehicle, is caused by the _____.
2. Some species, such as bats, use _____ for locating distant or invisible objects by sound waves reflected back to the emitter from the objects.
3. _____ is a sound that is loud, unpleasant, unexpected, or undesired.
4. When you pump up the _____ you are increasing the amplitude or loudness of a sound.
5. As sound passes through the air, it produces a wavelike motion; the distance between two identical positions in the cycle or wave(s) is called the _____.
6. _____ is produced when vibrations are transmitted through air or another medium and are capable of being detected by human organs or hearing.
7. The relative loudness of sounds is measured in the unit _____.
8. If you are capable of hearing the sound it is _____.
9. Depending upon the relative speed of the vibrations (frequency), the _____ is the degree of height or depth of a tone or of a sound.
10. In the environment, _____ is the effect of annoying or harmful levels of noise.

Sound and Noise Word Search: Answer Key

Direction: Find and circle words from the list below. Hint: Words can be found horizontally, vertically, backwards, and diagonally. Good luck!

A 12x12 grid of letters with words circled in blue. The circled words are: HUSH, SILENCE, QUIET, SAFE, LIBRARY, MEASURES, SUBWAY, TOYS, VIBRATION, and YELLING.

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

WORD BANK

Annoying

Decibel

Ears

Hearing

Honking

Hush

Library

Measures

Music

Noise

Quiet

Safe

Silence

Sirens

Subway

Toys

Vibration

Yelling

Fill in the Blanks: Answer Key

Directions: Fill in the blanks with the term that best matches the description in the sentence.

Word Bank

Noise	Pitch
Sound	Audible
Decibels (dB)	Wavelength
Noise Pollution	Echolocation
Doppler Effect	Volume

1. The apparent shift in frequency for a sound wave produced by a moving source, such as the siren of an emergency vehicle, is caused by the **DOPPLER EFFECT**.
2. Some species, such as bats, use **ECHOLOCATION** for locating distant or invisible objects by sound waves reflected back to the emitter from the objects.
3. **NOISE** is a sound that is loud, unpleasant, unexpected, or undesired.
4. When you pump up the **VOLUME**, you are increasing the amplitude or loudness of a sound.
5. As sound passes through the air, it produces a wavelike motion; the distance between two identical positions in the cycle or wave(s) is called the **WAVELENGTH**.
6. **SOUND** is produced when vibrations are transmitted through air or another medium and are capable of being detected by human organs or hearing.
7. The relative loudness of sounds is measured in the unit **DECIBELS (dB)**.
8. If you are capable of hearing the sound it is **AUDIBLE**.
9. Depending upon the relative rapidity of the vibrations, the **PITCH** is the degree of height of depth of a tone or of a sound.
10. In the environment, **NOISE POLLUTION** is the annoying or harmful levels of noise.