

Logical Connections - word search

PUZZLE / DEFINITION WORKSHEET / SOLUTION

Find 12 words. Words can run in any of eight directions.

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

CONJUNCTION

IMPLIES

TAUTOLOGY

CONCLUSION

DISJUNCTION

EQUIVALENT

CONDITIONAL

TRUE

NEGATION

CONTRADICT

PREMISE

FALSE

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VOCABULARY CLUES / Use the word bank on page 1.

1. A statement joining conditions with and

2. A statement joining alternatives with or

3. A statement denying another statement

4. Expresses a conditional consequence

5. Having the same logical truth conditions

6. To be logically incompatible with a claim

7. A statement true under every assignment of its variables

8. A statement connecting an if condition to a consequence

9. A statement used as an argument starting point

10. A statement inferred from premises

11. A truth value indicating agreement with the stated conditions

12. A truth value indicating failure of the stated conditions

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SOLUTION / words marked in gray

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

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