

Abstract Algebra

Hard · 16 × 16 · 18 words · every direction, backwards too

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

☐ FIELD

☐ VECTOR SPACE

☐ HOMOMORPHISM

☐ ISOMORPHISM

☐ SUBGROUP

☐ ABELIAN

☐ MODULE

☐ IDEAL

☐ KERNEL

☐ COSET

☐ PERMUTATION

☐ SYMMETRY GROUP

☐ POLYNOMIAL RING

☐ AUTOMORPHISM

☐ ENDOMORPHISM

☐ QUOTIENT

☐ GENERATOR

☐ ORBIT

Abstract Algebra: answer key

Hard · 16 × 16 · 18 words · every direction, backwards too



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|---------------------------------------|---|--|
| ☐ FIELD | ☐ MODULE | ☐ POLYNOMIAL RING |
| ☐ VECTOR SPACE | ☐ IDEAL | ☐ AUTOMORPHISM |
| ☐ HOMOMORPHISM | ☐ KERNEL | ☐ ENDOMORPHISM |
| ☐ ISOMORPHISM | ☐ COSET | ☐ QUOTIENT |
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| ☐ ABELIAN | ☐ SYMMETRY GROUP | ☐ ORBIT |