

Knights Solving the Castle Equation Quest

Grade 6

math

knights Theme

Word Search

CCSS.MATH.6.EE.B.7

Help the brave knights solve equations to unlock the castle treasure vault!

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

FIND THESE WORDS:

- COEFFICIENT
- EQUATION
- EQUALITY
- INVERSE

- EXPRESSION
- VARIABLE
- SIMPLIFY
- ISOLATE

- OPERATION
- SOLUTION
- BALANCE
- UNKNOWN

Name: _____

Date: _____

✓ ANSWER KEY — Knights Solving the Castle Equation Quest

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TEACHER/PARENT USE ONLY — Words are highlighted in the grid below

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

FIND THESE WORDS:

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SOLUTION

BALANCE

UNKNOWN

VOCABULARY

EQUATION — A mathematical statement showing two equal expressions

VARIABLE — A letter representing an unknown number

SOLUTION — The value that makes an equation true

BALANCE — Keeping both sides of an equation equal

INVERSE — The opposite operation used to solve equations

ISOLATE — Getting the variable alone on one side

EQUALITY — The property that two expressions have the same value

COEFFICIENT — A number multiplied by a variable

SIMPLIFY — To make an expression easier by combining terms

EXPRESSION — A mathematical phrase with numbers and operations

OPERATION — Addition, subtraction, multiplication, or division

UNKNOWN — A quantity we need to find in an equation