

6th Grade Homework

Date: Friday March 19, 2021

6A: Ayva

6B: _____

6C: _____

SOCIAL STUDIES:

Turn in Map packets

SCIENCE:

none

MATH:

HW-Worksheets on Evaluating Expressions

ELA:

HW: Crossword

Turn in HW

Work on Essay - due Mon.

Verb test Mon

OTHER: AR - last day for taking test for Q3

Name: _____

Date: _____

EVALUATING ALGEBRAIC EXPRESSIONS

Directions: Evaluate each expression and circle the correct answer. Find the problem number on the coloring page and shade in the enclosed region with the color assigned to the solution.

$$w = 10 \quad x = 8 \quad y = 6 \quad z = 4$$

1	$-xy$	-86: green	-48: yellow	-2: blue	-14: red
2	$z^2 + 5$	13: red	9: orange	21: brown	81: yellow
3	$(w - 4)^2 - 16$	20: red	68: white	-4: orange	80: purple
4	$3y - w$	-1: white	8: green	16: brown	24: yellow
5	$2x^2 - 75$	-43: green	437: gray	-11: white	53: blue
6	$60 \div (w + x - y)$	10: purple	8: red	5: orange	2.5: white
7	$yz \div x$	8: yellow	5: orange	16: gray	3: black
8	$w^2 - 3z^2$	-4: red	52: white	-44: orange	44: purple
9	$3z^2 - 20$	28: red	4: purple	124: white	-1: orange
10	$\frac{5w + 4}{y}$	12: orange	3: purple	15: red	9: white

Name: _____

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EVALUATING ALGEBRAIC EXPRESSIONS

Directions: Find the problem number on the coloring page and shade in the enclosed region with the color assigned to the solution.

5	5	5	5	5	1	1	5	5	5
5	5	5	5	5 9	9 5	5	5	5	5
5	5	5	5 9	10	10	9 5	5	5	5
5	5	5 9	10	9	9	10	9 5	5	5
5	5 9	10	9	10	10	9	10	9 5	5
5	6 3	8 6	6 3	8 6	6 8	3 6	6 8	3 6	5
5	3	8	3	8 7	8 7	3	8	3	5
5	3	8	3 7	7	7	7 3	8	3	5
5	3	8	7	7	7	7	8	3	5
4	4	4	2	2	2	2	4	4	4

Name: _____

Date: _____

EVALUATING ALGEBRAIC EXPRESSIONS

Directions: Evaluate each expression when:

$a = 2$

$b = 5$

$c = -3$

$d = -1$

Circle the word form of each answer in the word search puzzle on the next page.

1 $b^3 - 3a^5$

6 $-4db + 6$

2 $(c + 15) \div 3$

7 $a - d + 7$

3 $d^2 + 8$

8 $c^4 - 8b$

4 $3(b - 2c)$

9 $d^2 (4b - a)$

5 $(2b - 4c) \div 2$

10 $10 - bc$

Name: _____

Date: _____

EVALUATING ALGEBRAIC EXPRESSIONS

Directions: Write the word form of each answer below. Then find and circle each word (without spaces) in the word search. Words can be found going up, down, left to right, and diagonal.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

j	l	q	b	r	n	k	u	c	d	t	j	m	n	a	s	r	b	y	f	j	w	c	l
r	x	v	r	k	a	l	p	z	e	w	v	q	t	y	i	h	f	d	o	r	s	d	n
l	m	n	o	w	f	g	h	x	s	q	f	u	p	o	r	s	o	t	y	u	i	k	m
a	w	e	b	r	k	o	c	v	f	t	g	s	r	t	l	m	r	b	v	n	i	r	g
j	l	q	b	r	n	k	u	c	d	t	j	m	n	a	s	r	t	y	f	j	w	c	l
k	b	s	t	h	i	r	t	y	t	h	r	e	e	y	p	m	y	v	b	r	s	a	z
r	x	v	r	k	a	l	p	z	e	w	v	q	t	y	i	h	o	d	o	r	s	d	n
t	h	f	s	d	r	o	m	n	x	d	f	e	r	k	y	p	n	q	s	a	d	b	l
l	w	n	o	w	f	g	h	x	s	q	f	u	p	o	r	s	e	t	y	u	i	k	m
k	h	e	f	r	j	b	n	y	u	w	e	r	c	x	o	i	e	n	f	v	d	m	e
j	l	q	n	r	n	k	u	c	d	t	j	m	n	a	s	r	b	y	f	j	w	n	l
a	w	e	b	t	k	o	c	v	f	t	g	s	r	t	l	m	q	b	v	n	i	r	g
r	x	v	r	k	y	l	p	z	e	w	v	q	t	y	i	h	f	d	o	n	s	d	n
l	m	n	o	w	f	s	h	x	s	e	f	u	p	o	r	s	a	t	y	u	i	k	m
k	b	s	e	q	v	c	i	m	k	n	d	r	t	y	p	m	u	v	b	r	s	a	z
l	h	f	i	d	r	o	m	x	x	t	f	e	r	k	y	p	o	q	s	a	d	b	l
j	l	q	g	r	n	k	u	c	d	y	j	m	n	a	t	e	n	y	f	j	w	c	l
a	w	e	h	r	k	o	c	v	f	n	g	s	r	t	l	m	q	b	v	n	i	r	g
k	h	s	t	r	j	b	n	y	u	i	e	r	c	x	o	i	a	n	f	v	d	m	k
n	m	n	e	w	f	g	h	x	s	n	f	u	p	o	r	s	a	t	y	u	i	k	m
e	x	v	e	k	a	l	p	z	e	e	v	q	t	y	i	h	f	d	o	r	s	d	n
v	l	q	n	r	n	k	u	c	d	t	j	m	n	a	s	r	u	m	f	o	u	r	l
e	b	s	t	q	v	c	a	m	k	n	d	r	t	y	p	m	u	v	b	r	s	a	z
l	m	n	o	w	f	g	h	t	w	e	n	t	y	f	i	v	e	t	y	u	i	k	m
e	x	v	r	k	a	l	p	z	e	w	v	q	t	y	i	h	f	d	o	r	s	d	n

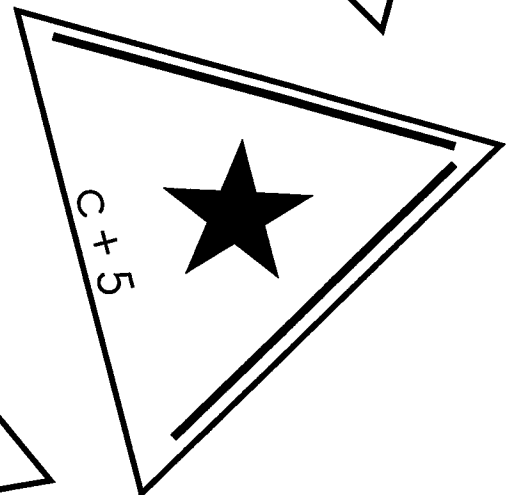
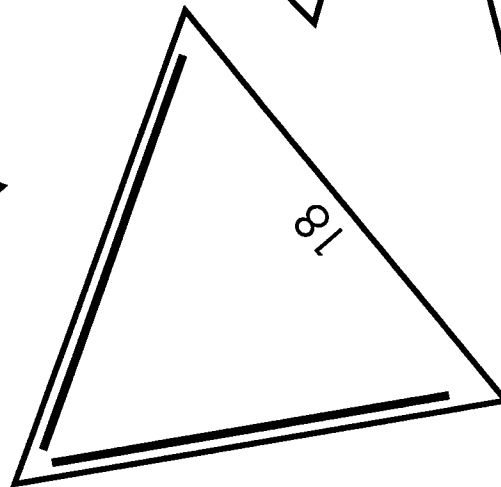
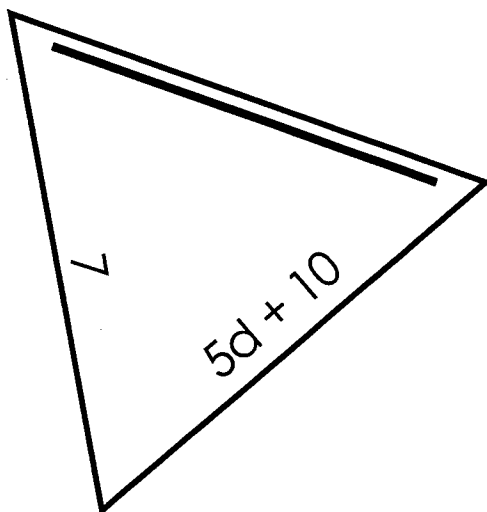
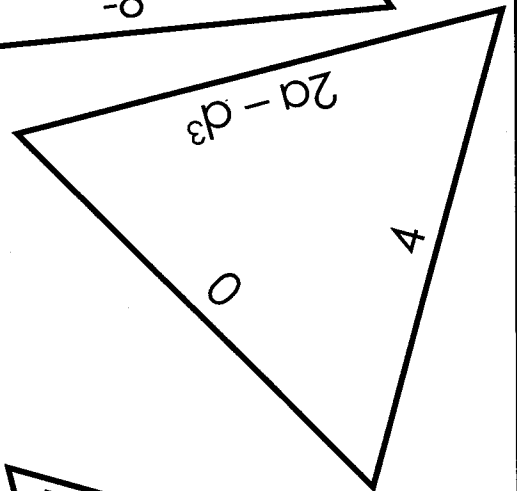
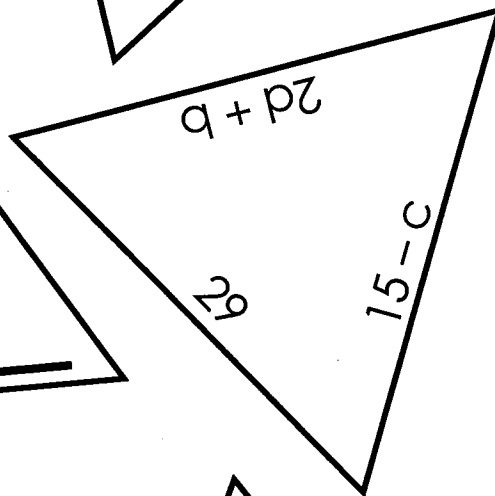
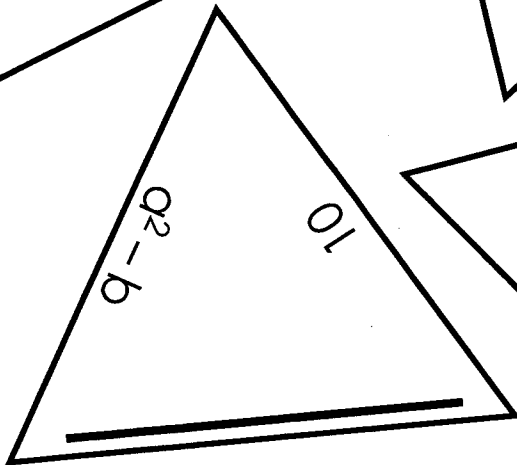
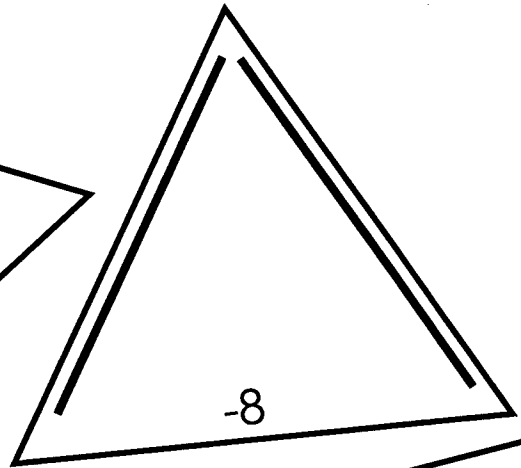
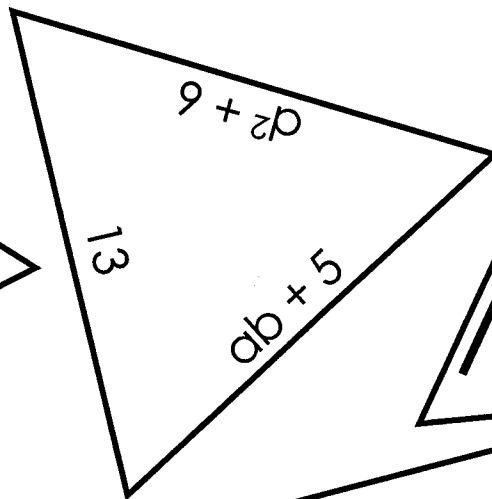
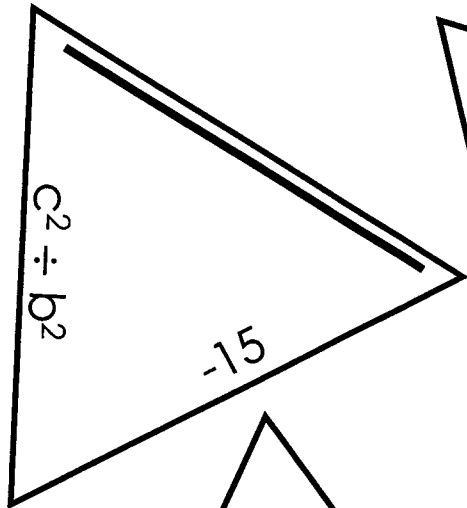
Name: _____

Date: _____

EVALUATING ALGEBRAIC EXPRESSIONS

Directions: Cut out the pieces and evaluate each expression. Match each expression to the correct solution. Glue the finished product to the answer document page.

when: $a = 5$ $b = -4$ $c = 8$ $d = -2$

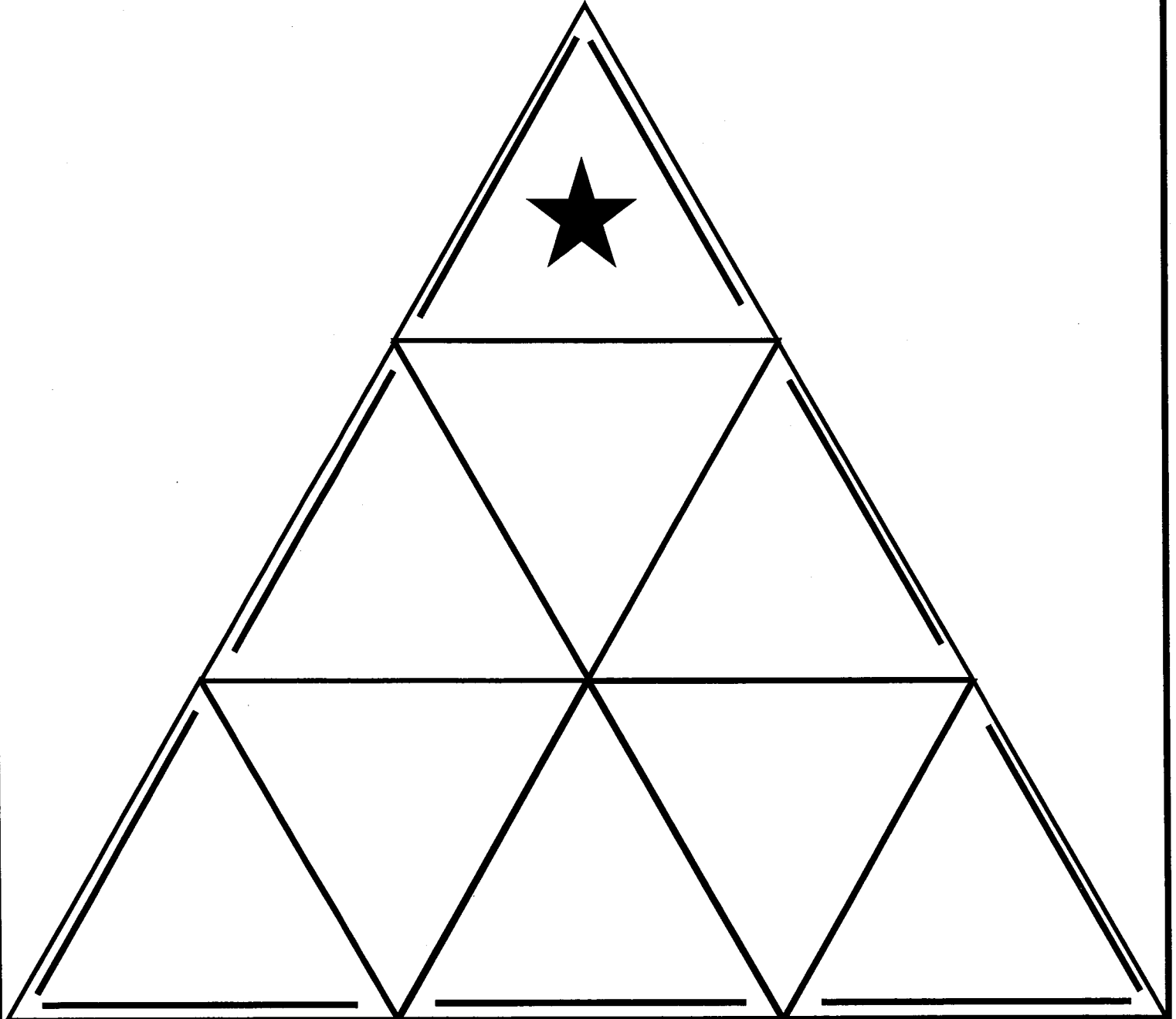


Name: _____

Date: _____

EVALUATING ALGEBRAIC EXPRESSIONS

Answer Document



Name: _____

Date: _____

EVALUATING ALGEBRAIC EXPRESSIONS

Directions: Evaluate each expression using substitution and circle the answer. Find the problem number on the fill in the blank page and write the word assigned to the solution.

$$j = 3 \quad k = 4 \quad m = 5 \quad n = 6$$

1	$n^2 - k$	32: 1732	8: 1725	16: 1736	40: 1728
2	$(k + 12) \div 4$	2: Massachusetts	4: Virginia	7: Florida	8: Vermont
3	$2m^2 + 3j$	39: Betty	109: Catherine	159: Anne	59: Martha
4	$15 \div (5 + n^2 - 1)$	0.9375: Monticello	0.375: Mount Vernon	38: Poplar Forest	14: The White House
5	$j + k \cdot m - n$	29: horses	-7: dogs	17: children	-29: friends
6	$(3n - j^2) + 10$	19: two	22: eight	37: five	40: three
7	$nm - k^2$	22: 1777	57: 1792	49: 1785	14: 1789
8	$3(2n - 5)$	63: second	31: third	21: first	73: fourth
9	$m + kn \div j$	9.6: one	17: three	13: two	20.3: two and a half
10	$j^2(10 - n)$	84: blood	24: skin	36: throat	12: kidney

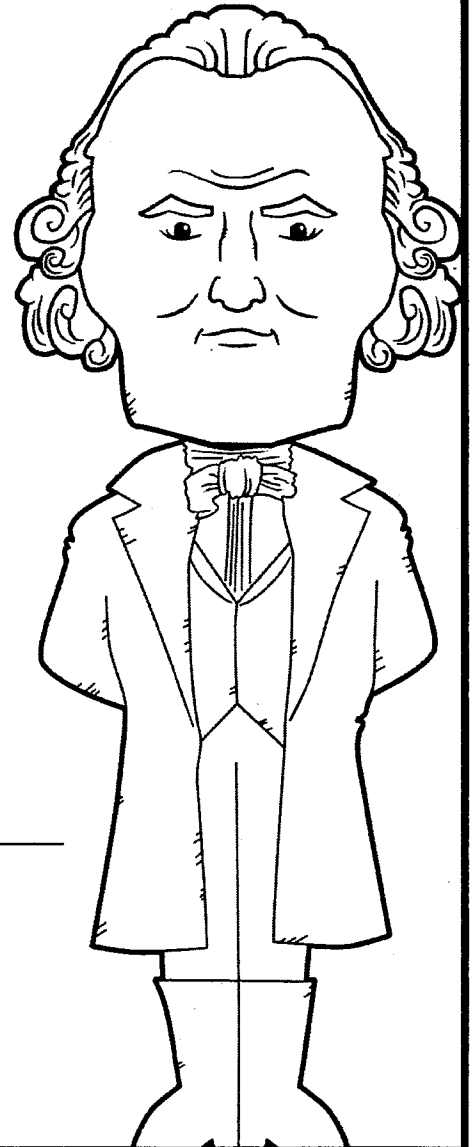
Name: _____

Date: _____

EVALUATING ALGEBRAIC EXPRESSIONS

Directions: Find the problem number on the mystery lib page and write the word(s) assigned to the solution in the blank space.

George Washington was born in _____ **1** in the state of _____ **2**. With his wife _____ **3** by his side, George took care of the land around _____ **4**. Although he never had _____ **5** of his own, his wife, a former widow, had _____ **6**. In _____ **7**, George Washington was unanimously voted to become the _____ **8** President of the United States. He fulfilled _____ **9** terms in this position before settling down at his family home. In 1799, George Washington died as the result of a _____ **10** infections.



PARTS OF SPEECH: VERBS

Verb Type Crossword Puzzle

INSTRUCTIONS: Using the clues provided, complete the crossword puzzle by writing the type of verb that the definition describes.

ACROSS

1. a verb that accompanies another verb to help express its tense, mood, or voice. It is also known as a helping verb.
3. a word that represents an action, occurrence, or state of being.
4. a verb that connects a subject of the verb to additional information about the subject.

1			2						
			3						
				4					

DOWN

1. a verb that expresses an action that the subject of the sentence does
2. a verb that does not follow the usual rules for verb forms.

Types of Verbs

Action Verbs

Linking Verbs

Auxiliary Verbs

Irregular Verbs