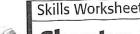
		Homework
N	Class 6th	Homework Date 812817
Name		



USING KEY TERMS 1. Use each of the following terms in a separate sentence: symbiosis, mutualism, commensalism, and parasitism.
1. Use each of the following terms in a separate sentence: symbiosis,
1. Use each of the following terms in a separate sentence: symbiosis,
1. Use each of the following terms in a separate sentence: <i>symbiosis</i> , <i>mutualism</i> , <i>commensalism</i> , and <i>parasitism</i> .
Complete each of the following sentences by choosing the correct term from the
word bank.
blotte
2. The environment includes factors including water
rocks, and light.
3. The environment also includes, or living, factors.
4. A community of organisms and their environment is called a(n)
of the terms differ

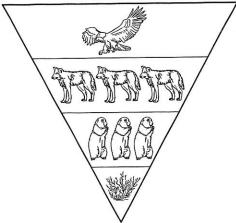
For each pair of terms, explain how the meanings of the terms differ. **5.** community and population 6. ecosystem and biosphere

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7. producers and consumers	
UNDERSTANDING KEY IDEAS Multiple Choice	
8. A tick sucks blood from a d and the dog is the	og. In this relationship, the tick is the
a. parasite, preyb. predator, host	d. host, parasite
factors a. when population size is one of the predators eat their contraction is some of the population is a some of the population is some of th	r prey.
10. Nature's recyclers are a. predators. b. decomposers.	c. producers.d. omnivores.
11. A beneficial association be a. commensalism. b. parasitism.	etween coral and algae is an example of c. mutualism. d. predation.
12. The process by which ene represented by a. food chains. b. energy pyramids. c. food webs. d. All of the above	ergy moves through an ecosystem can be
a. producersb. carnivores	e base of an energy pyramid represent? c. herbivores d. scavengers
a. sun→producers→hertb. sun→consumers→pre	s the correct order in a food chain? bivores—scavengers—carnivores edators—parasites—hosts omposers—consumers—omnivores bivores—carnivores—scavengers

Name	Class	Date
Chapter Review continued		
15. Remoras and shark a. mutualism. b. commensalism. c. predator and pre d. parasitism.	ks have a relationship tha	t is best described as
Short Answer		
16. Describe how energy flow	s through a food web.	*
17. Explain how the food web Yellowstone National Park	_	wolf disappeared from
18. How are the competition becompetition between two		_
19. How do limiting factors af	fect the carrying capacity	of an environment?
20. What is coevolution?		
20. What is coevolution:	, ,	

ame		Class	Date	
Chapter Revie				<u>.</u>
				1)
RITICAL THIN	KING	1	manta a concept map:	
7 7	apping Use the follow organisms, produce es, carnivores, and b	, o, popular	ereate a concept map: s, ecosystems, consur	ners,
22. Identifyi consume	ng Relationships Co ers but not decompos	ould a balanced sers? Why or w	ecosystem contain pr hy not?	
			il that contain and	cies, such a
alligatoı	ng Consequences Sons and wolves, help now hat might happen to become ex	a other organis	think that certain spectal diversity in their earns, such as gar fish corida Everglades.	ecosystems. or herons, if
-				
			s a carrying capacity f	

Name	Class	Date	_
Chapter Review continued			_
INTERPRETING GRAPHICS Use the energy pyramid below to a	nswer the question	ns that follow.	



26.	What level has the most energy?
27.	Would an energy pyramid such as this one exist in nature?
28.	How could you change this pyramid to look like one representing a real ecosystem?
	, >

Reteaching 1-4

Order of Operations

To find the value of an expression follow the order of operations.

First, do all operations inside parentheses.

Next, multiply and divide from left to right.

Then, add and subtract from left to right.

Example 1 Find the value of $6 + (3 + 4) \times 2$.

- ① Work inside parentheses. \rightarrow (3 + 4) = 7 $6 + 7 \times 2$
- 2 Multiply next. \rightarrow 7 × 2 = 14 6 + 14
- 3 Then, add.

$$6 + 14 = 20$$

Example 2 Compare $10 - (6 \div 2) + 1$ and $(10 - 6) \div 2 + 1$.

First, find the value of each expression.

Then, use
$$<$$
, =, or $>$ to compare.
8 $>$ 3
So,

$$10 - (6 \div 2) + 1 > (10 - 6) \div 2 + 10.$$

Find the value of each expression.

1.
$$3 + (4 + 1) \times 2$$

a.
$$4 + 1 =$$

3.
$$2 + 6 \times 3 \div 3 =$$

2.
$$24 \div (5+3) - 2$$

a.
$$5 + 3 =$$

4.
$$(6+2) \times 3 \div 4 =$$

Use <, =, or > to complete each statement.

5.
$$9 + 3 \times 4 \bigcirc 9 + (3 \times 4)$$

7.
$$6 \div 3 + 4 \times 2$$
 (6 ÷ 3) + 4 × 2

M

9.
$$15 - (12 \div 3)$$
 (15 - 12) \div 3

6.
$$(12-4)\times 3$$
 12 - (4×3)

8.
$$3 \times (12 - 5) + 2$$
 $3 \times 12 - (5 + 2)$

10.
$$8 + 2 \times (9 - 7)$$
 $8 + (2 \times 9) - 7$

Enrichment 1-4

Order of Operations

Critical Thinking

Use the numbers and the operators given in each box to complete the equation. You may use each number and each operator only once per equation. Fill in the blanks with numbers. Fill in boxes with operators.

1.

4

2

16

2.

+

200

×

÷

15 = 21010 50

3.

0

6

16

6

= 3 + ___ + 7

+

4.

2

4

0

3

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+ 9)

×

5.

8 ÷ 2

140

6. Make your own puzzle. Leave out three numbers and two operational symbols. Trade with a classmate!

Name Class	Date
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1E: Vocabulary Check

For use after Lesson 1-4

Study Skill Strengthen your vocabulary. Use these pages and add cues and summaries by applying the Cornell Notetaking style.

Write the definition for each word or term at the right. To check your work, fold the paper back along the dotted line to see the correct answers.

· · · · · · · · · · · · · · · · · · ·

Associative Property of Addition

Commutative Property of Addition

expression

Commutative Property of Multiplication

, ,

Identity Property of Multiplication

_ Date _____

1E: Vocabulary Check (continued)

For use after Lesson 1-4

Write the vocabulary word or term for each definition. To check your work, fold the paper forward along the dotted line to see the correct answers.

Changing the grouping of the addends does not change the sum.

Changing the order of the addends does not change the sum.

a mathematical phrase containing numbers and operation symbols.

Changing the order of the factors does not change the product.

The product of 1 and a is a.

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Puzzle 1-4

Order of Operations

Math Express

Use each of the given numbers and operations once to write an expression. You may add parentheses.

Write an expression equal to 27.

$$(3\times5)+(6\times2)$$

1. 15

Write an expression equal to 13.

2. 16

Write an expression equal to 11.

3.

Write an expression equal to 12.

Write an expression equal to 63.

5. 3

Write an expression equal to 5.

5 16

Write an expression equal to 0.

7. 15 3 10

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Write an expression equal to 0.

8

, Write an expression equal to 10.

Adding with Some Regrouping (F)

Find each sum.

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Multiplication Facts to 144 (F) Find each product.

4	7	0	7	4	0	3	12	1	2
<u>×2</u>	<u>×1</u>	_×8	<u>× 10</u>	× 10	<u>×7</u>	<u>× 10</u>	<u>×8</u>	<u>× 9</u>	<u>×2</u>
11	1	10	0	5	5	10	0	6	7
11 × 7	4 × 10	10 × 10	8 × 8		× 2				× 6
	<u>× 10</u>								
8	12	9	0	3	0	10	10	3	2
× 6		× 12	× 12	× 6	_ × 2	<u>× 5</u>	× 11	<u>×4</u>	_×8
	-							_	
3	4	7	4	3	12	1	10	0	4
<u>×8</u>	_×8	_ × 7	<u>× 5</u>	<u>×7</u>	<u>×7</u>	<u>× 5</u>	<u>×4</u>	<u>×1</u>	<u>×7</u>
4.4	11	10	2	г	4	11	0	10	11
11	11	10	3	5 F				× 1	200
<u>×8</u>	<u>× 11</u>	<u>× 8</u>	<u>× 5</u>	<u>×5</u>					
4	12	5	6	2	1	3	3	4	2
× 6	× 3	× 8	× 9	× 4	× 6	× 11	<u>× 1</u>	<u>× 1</u>	_ × 7
		,							
2	7	1	11	5	4	12	0	2	11
<u>× 11</u>	_×9	<u>×1</u>	_× 9	× 10	_×9	<u>× 6</u>	<u>×6</u>	_×6	<u>× 12</u>
8	3	9	3	9	1	11	5	1	5
× 3	э × 9			× 2					× 12
			<u> </u>						
0	9	2	4	4	10	5	8	2	11
× 10	× 0	× 12	× 12	× 11	× 6	× 7	× 7	_ × 3	<u>×3</u>
		2					WARETY	1040	
3	6						5		
<u>×0</u>	<u>× 11</u>	<u>× 2</u>	<u>× 12</u>	<u>× 5</u>	<u>× 12</u>	<u>×1</u>	_×9	<u>×3</u>	_ × 9

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Subtracting 2-Digit Numbers (F)

Name:

Date:

Calculate each difference.

Division Facts (F)

Find each quotient.

$20 \div 5 =$	$12 \div 3 =$	$4 \div 1 =$	$3 \div 3 =$
$15 \div 3 =$	$10 \div 2 =$	$15 \div 5 =$	$12 \div 4 =$
$5 \div 1 =$	$10 \div 5 =$	$4 \div 4 =$	$25 \div 5 =$
$16 \div 4 =$	$9 \div 3 =$	$8 \div 4 =$	$3 \div 1 =$
$20 \div 4 =$	$6 \div 3 =$	$2 \div 1 =$	$1 \div 1 =$
$2 \div 2 =$	$8 \div 2 =$	$4 \div 2 =$	$6 \div 2 =$
$5 \div 5 =$	$5 \div 1 =$	$6 \div 3 =$	$4 \div 1 =$
$10 \div 5 =$	$5 \div 5 =$	$25 \div 5 =$	$12 \div 4 =$
$3 \div 1 =$	$2 \div 1 =$	$8 \div 4 =$	$1 \div 1 =$
$12 \div 3 =$	$2 \div 2 =$	$9 \div 3 =$	$3 \div 3 =$
$20 \div 4 =$	$15 \div 3 =$	$8 \div 2 =$	$4 \div 4 =$
$10 \div 2 =$	$16 \div 4 =$	$15 \div 5 =$	$20 \div 5 =$
$6 \div 2 =$	$4 \div 2 =$	$12 \div 3 =$	$8 \div 4 =$
$2 \div 2 =$	$4 \div 4 =$	$16 \div 4 =$	$20 \div 4 =$
$6 \div 3 =$	$3 \div 3 =$	$1 \div 1 =$	$2 \div 1 =$
$10 \div 5 =$	$15 \div 3 =$	$8 \div 2 =$	$4 \div 1 =$
$15 \div 5 =$	$20 \div 5 =$	$3 \div 1 =$	$6 \div 2 =$
$12 \div 4 =$	$5 \div 1 =$	$9 \div 3 =$	$5 \div 5 =$
$10 \div 2 =$	$4 \div 2 =$	$25 \div 5 =$	$4 \div 4 =$
$25 \div 5 =$	$16 \div 4 =$	$2 \div 2 =$	$15 \div 3 =$
$3 \div 3 =$	$4 \div 1 =$	$1 \div 1 =$	$12 \div 3 =$
$4 \div 2 =$	$6 \div 2 =$	$12 \div 4 =$	$6 \div 3 =$
$2 \div 1 = 0$	$20 \div 4 =$	$10 \div 2 =$	$5 \div 1 =$
$3 \div 1 =$	$9 \div 3 =$	$10 \div 5 =$	$8 \div 2 =$
$8 \div 4 =$	$15 \div 5 =$	$20 \div 5 =$	$5 \div 5 =$