

Name: _____

Date: _____

EXTENDED PRACTICE

SOLVE ALGEBRAIC EQUATIONS (2-STEP)

1. Solve for x . Show all your steps.

a. $2x + 1 = 5$

b. $6x - 12 = 0$

c. $3x - 2 = 7$

d. $3 + 7x = 24$

e. $2x - 5 = 11$

f. $2x - 5 = -19$

g. $4x + 1 = -7$

h. $5 + 3x = -10$

2. Solve for x . Show all your steps.

a. $\frac{x}{2} - 3 = 1$

b. $2 + \frac{x}{6} = 5$

c. $\frac{x}{4} - 2 = 3$

d. $\frac{x}{5} + 3 = 2$

e. $\frac{x}{3} + 10 = 11$

f. $\frac{x}{4} + 2 = -3$

3. Solve for x . Show all your steps.

a. $2(x - 3) = 4$

b. $5(3 + x) = 30$

c. $7(x + 2) = 21$

d. $4(x - 8) = 28$

Name:	Date:
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ANALYZE CRAFT AND STRUCTURE

ELEMENTS OF A SHORT STORY: PLOT

A **plot** is the series of connected events in a story. The plot often centers on how characters face a **conflict**, or a struggle between opposing forces. Plot development can be separated into the five stages described here:

Stage	Example
Exposition: The characters, setting, and situation are introduced.	Bree and Shauna are software developers planning a presentation of their new app to a major tech company.
Rising Action: The conflict and events that explain the characters' actions are introduced.	They have tested the app countless times without problems, but the day before the presentation, they discover a bug.
Climax: The conflict reaches its most intense or exciting point.	They work all day, but can't fix it. Finally, Bree picks up her phone, ready to call and cancel the presentation. At the last second, Shauna calls out, "Wait! I have it!"
Falling Action: Events "calm down" after the climax.	That afternoon and evening, Bree and Shauna test the revised software several times: no bugs!
Resolution: The plot ends. Usually, the conflict is settled.	They make their presentation and are offered a contract with the tech company to produce the app.

DIRECTIONS: Read the story excerpt. Then, answer the questions.

(1) Aaron showed up early for work on opening day at the new cafe. (2) His boss, Jeff, met him at the door. (3) "Aaron, I need you to get over to the grocery store in Junction City. (4) Buy all the eggs they've got!" (5) Jeff could see the confusion on Aaron's face. (6) "The driver who was supposed to deliver the eggs didn't show." (7) Aaron raced off. (8) In this rural area, even the closest store in Junction City was 30 miles away—and Jeff was set to open the doors for the grand opening of his cafe in an hour! (9) Could Aaron make it back in time? (10) Jeff nervously brewed the coffee, chopped vegetables, and prepped the pancake batter. (11) "But no eggs," he thought. (12) "Great—and on opening day." (13) As the clock ticked to 7:00 a.m., Jeff turned on the "OPEN" sign for the first time. (14) A minute or two later, while in the kitchen, he heard a car pull up.

1. What is the **conflict** in the story? _____

2. _____ Which of the following sentences is part of the **rising action**?
 a. sentence 1 b. sentence 6 c. sentence 11 d. sentence 2
3. Look at sentence 14. What plot stage is this? _____
4. Is the story resolved? (Does it contain a **resolution**?) Explain. _____

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WORD STUDY ▶ **MULTIPLE-MEANING WORDS**

Many words in English have more than one meaning. The word *book*, for example, can refer to "a written piece of work," or it can be a verb that means "to reserve or buy in advance." You can use the context of a sentence or paragraph to determine how a word is being used and which meaning to apply.

A. DIRECTIONS: Read each sentence. Then, choose the definition that best matches the use of the underlined word. Write the letter on the line.

- ____ Vince was really excited for summer to begin so he could restart his lemonade stand.
A. rise to one's feet
B. a small booth where goods are sold
- ____ The warriors pushed with all their might, but the stone still wouldn't budge.
A. impressive strength
B. expressing possibility
- ____ No matter how many scented candles were in the room, nothing could mask the awful stench.
A. a covering for the face
B. disguise a quality or sensation
- ____ Theo is a great singer; he's going to be a real star one day.
A. an exceptionally talented performer
B. a fixed luminous point in the sky

B. DIRECTIONS: Choose the most appropriate underlined word from Section A to complete each sentence below. Remember that either of the word's meanings can be used. Write the meaning on the line.

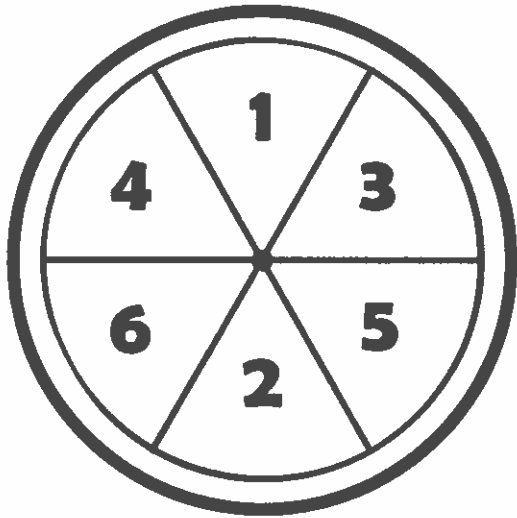
- My werewolf _____ really scares my sister!
Meaning of word: _____
- Very few countries could withstand the _____ of the Roman army.
Meaning of word: _____
- We all had to _____ when the judge entered the room.
Meaning of word: _____
- The night sky was so cloudy that we couldn't see a single _____.
Meaning of word: _____

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Parts of an Ecosystem: SPIN-A-WORD

Directions: Place one end of a paperclip and the tip of your pencil on the dot inside the paperclip. Flick your finger on the opposite end of the paperclip to make it spin around. Choose a vocabulary word from the word bank and then follow the directions inside the box of the number you spun.



Word Bank		
Species	Population	Community
Ecosystem	Biotic	Abiotic
Organism		Interaction

1 Use the word in a sentence.	2 Write the definition in your own words.	3 Illustrate the word.
4 List the word and then 2 examples.	5 Tell how you use in your everyday life.	6 Your choice!

Name:

Date:

Parts of an Ecosystem: Word Search

Directions: Find and highlight each word in the word bank.

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

Word Bank

Organism

Species

Population

Community

Ecosystem

Biotic factors

Abiotic factors

Interaction

Directions: Choose five words from the word bank. Use each word in a complete sentence in the spaces below.

1

2

3

4

5

Know Your United States - I

Use the map of the United States on page 4 to complete the activities and questions on this page.

Using abbreviations, write in the names of all the United States within their boundary lines, or on lines extending from them.

Write the cardinal directions (north, south, east, and west) in the correct boxes on the map.

Draw a fish in the Atlantic Ocean. Draw a boat in the Pacific Ocean.

- Color your state red. What does the northern boundary of your state touch? _____
 _____ What does the southern boundary touch? _____
 _____ The eastern boundary? _____ The western
 boundary? _____
- Circle the label that best describes where your state is located.
 northern plains south west midwest north east
 northeast northwest southeast southwest central plains
- In what direction does the Mississippi River flow? _____
- How many states does the Mississippi River touch? _____ List them. _____

- Which of the forty-eight contiguous states is the smallest? _____
 Which is the largest? _____ Of all fifty states, which is the
 largest? _____
- In what direction would you travel from Kansas to Oregon? _____
 From Montana to Utah? _____ From Pennsylvania to Nebraska? _____
- Name the Great Lakes. _____
 Which is the largest? _____ smallest? _____
 What states are touched by one or more of the Great Lakes? _____

 Which Great Lake is the only one completely within the United States? _____
- Some states have geographic areas shaped something like a handle of a pan. Look at the
 shapes of the fifty states. Mark an X on the states that you think have "panhandles."
 What states did you mark? _____

- One state has an area called the Boot Heel. Which state looks like it has an area shaped like the
 heel of a boot? _____
- What is the difference between the geographic locations of Florida and Kansas? _____

The United States

