

# Domain-Specific Vocabulary

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 10



## Quick Review

Different subjects use **domain-specific vocabulary** — special words that have precise meanings in that subject. **Science:** ecosystem, hypothesis, evaporation, organism, habitat. **Math:** numerator, denominator, perimeter, equation, variable. **Social studies:** democracy, citizen, amendment, economy, government. Use these words **PRECISELY** when you write or speak about that subject.

## PRACTICE

Choose the **BEST** domain-specific word for each sentence, or pick the meaning of a domain-specific word in context.

- The student wrote that water becoming a gas in the sun is an example of \_\_\_\_\_.*
  - condensation
  - evaporation
  - precipitation
  - respiration
- In the fraction  $\frac{3}{8}$ , the number 8 is the \_\_\_\_\_.*
  - numerator
  - remainder
  - quotient
  - denominator
- A short statement that proposes an explanation a scientist will test is called a \_\_\_\_\_.*
  - theory
  - conclusion
  - hypothesis
  - observation
- A change made to the U.S. Constitution is called an \_\_\_\_\_.*
  - amendment
  - election
  - appeal
  - executive



5. *A community of living things together with the soil, water, and air around them is called an \_\_\_\_\_.*
  - A. organism
  - B. ecosystem
  - C. atmosphere
  - D. environment
6. *The distance around the outside of a closed shape is called the \_\_\_\_\_.*
  - A. area
  - B. diameter
  - C. perimeter
  - D. volume
7. *A government in which the people choose their leaders by voting is called a \_\_\_\_\_.*
  - A. monarchy
  - B. dictatorship
  - C. republic
  - D. democracy
8. *In her science report, Jamal wrote that the animals lived in a wetland \_\_\_\_\_.*
  - A. organism
  - B. predator
  - C. habitat
  - D. species
9. *A person who is a legal member of a country is called a \_\_\_\_\_.*
  - A. citizen
  - B. official
  - C. representative
  - D. candidate
10. *In the equation  $3x + 5 = 11$ , the letter  $x$  is called a \_\_\_\_\_.*
  - A. constant
  - B. variable
  - C. expression
  - D. coefficient



## Answer Keys

- 1  A  B  C  D
- 2  A  B  C  D
- 3  A  B  C  D
- 4  A  B  C  D
- 5  A  B  C  D

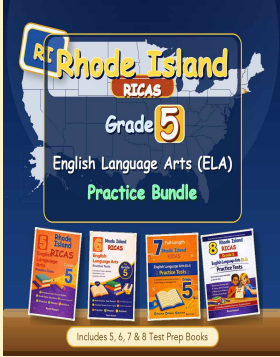
- 6  A  B  C  D
- 7  A  B  C  D
- 8  A  B  C  D
- 9  A  B  C  D
- 10  A  B  C  D

### Explanations

|       |  |
|-------|--|
| 1. B  | <b>Evaporation</b> = liquid water becoming a gas. A is the OPPOSITE (gas to liquid); C is rain/snow falling; D is the breathing process. All four are real science words — only one fits the description.  |
| 2. D  | <b>Denominator</b> = the bottom number in a fraction (it names the parts the whole is divided into). A is the TOP number; B is what's left after dividing; C is the answer to a division problem. All four are precise math terms.   |
| 3. C  | A <b>hypothesis</b> is a testable proposed explanation. A — a theory is a well-tested broad explanation that has been supported by lots of evidence; B is what a scientist decides AFTER the test; D is what a scientist NOTICES, not proposes. All four are real science terms. |
| 4. A  | <b>Amendment</b> = a formal change to the Constitution. B is choosing leaders; C is a request to a higher court; D is the branch led by the President. All four are real social-studies terms — only one fits.   |
| 5. B  | <b>Ecosystem</b> = the living community PLUS the non-living parts they interact with. A is a single living thing; C is just the air; D is general surroundings (close, but ecosystem is the precise term).   |
| 6. C  | <b>Perimeter</b> = total distance around a 2-D shape. A is the space INSIDE; B is the distance across a circle through the center; D is the space inside a 3-D shape. All four are precise math terms.   |
| 7. D  | <b>Democracy</b> = government in which people choose their leaders by voting. A is rule by a king or queen; B is rule by a single ruler with full power; C is close (a representative form), but the broad term is <i>democracy</i> .  |
| 8. C  | <b>Habitat</b> = the place where an organism naturally lives. A is a single living thing; B is an animal that hunts another; D is a group of similar living things. The wetland is a PLACE, so <i>habitat</i> fits.  |
| 9. A  | <b>Citizen</b> = legal member of a country, with rights and responsibilities. B is a government worker; C is someone elected to represent others; D is someone running for office.   |
| 10. B | <b>Variable</b> = a letter that stands for an unknown number. A is a fixed number (like 5 or 11); C is a math phrase without an equals sign; D is the number multiplied by the variable (here, 3).   |



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