

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

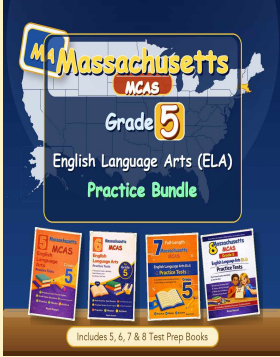
- 6 A B C D
- 7 A B C D
- 8 A B C D
- 9 A B C D
- 10 A B C D

Explanations

1. B	Evaporation = 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	Denominator = 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 hypothesis 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	Amendment = 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	Ecosystem = 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	Perimeter = 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	Democracy = 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	Habitat = 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	Citizen = 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	Variable = 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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