



Placement Test





11th Grade Placement Test

Student Name: _____

Date: ____/____/2025

English Language Arts (ELA)

Reading Comprehension

1. Read the excerpt below and answer the question:
"In the midst of the Great Depression, many Americans found themselves facing insurmountable financial challenges. However, communities often came together to provide mutual support and encouragement."
What is the main idea of this passage?
 - a) The Great Depression was caused by financial challenges.
 - b) Communities provided support during difficult economic times.
 - c) Financial challenges were insurmountable.
2. What is the tone of the following sentence: "The endless war dragged on, leaving the soldiers weary and despondent."
 - a) Optimistic
 - b) Melancholy
 - c) Neutral
3. Which of the following best summarizes the theme of this excerpt?
"Despite losing everything, Sarah found solace in her family, who reminded her that resilience and love were the keys to rebuilding."
 - a) Loss and recovery
 - b) Resentment
 - c) Ambition

4. What does the word "ephemeral" mean in this context: "The beauty of the sunrise was ephemeral, fading within minutes."
 - a) Eternal
 - b) Brief
 - c) Unremarkable

5. Which sentence best identifies the author's purpose in writing this text:
"The industrial revolution not only transformed the economy but also redefined social structures and daily life."
 - a) To entertain readers with stories of the industrial revolution.
 - b) To inform readers about the impacts of the industrial revolution.
 - c) To persuade readers to support industrialization.

Grammar and Vocabulary

6. Which sentence uses correct punctuation?
 - a) Although he was tired he continued working.
 - b) Although he was tired, he continued working.
 - c) Although, he was tired he continued working.

7. Select the sentence with correct subject-verb agreement:
 - a) Each of the students were responsible for completing their projects.
 - b) Each of the students was responsible for completing their projects.
 - c) Each of the students are responsible for completing their projects.

8. What is the synonym of the word "arduous"?
 - a) Easy
 - b) Difficult
 - c) Relaxing

9. Identify the incorrect word in the sentence: "The students should of studied harder for the exam."
 - a) Should
 - b) Of
 - c) Studied

10. Which sentence is written in the active voice?
 - a) The cake was baked by Sarah.
 - b) Sarah baked the cake.
 - c) The cake is being baked by Sarah.

Writing

11. Write an argumentative paragraph discussing whether technology has improved or harmed communication. Use examples to support your answer. (Open-ended)

12. Rearrange the words to form a coherent sentence: "the / concert / because / canceled / of / was / weather / bad."
a) The concert was canceled because of bad weather.
b) Because the concert was canceled of bad weather.
c) The weather was bad canceled because of the concert.

13. Write a thesis statement for an essay on the effects of climate change. (Open-ended)

14. What is the correct form of the word in parentheses: "He is the most _____ (dedicate) athlete I have ever met."
a) Dedicated
b) Dedicating
c) Dedication

15. Write a persuasive paragraph convincing your school to adopt a four-day school week. (Open-ended)

Math

Algebra and Functions

16. Solve for x : $2x + 5 = 15$
- a) $x = 10$
 - b) $x = 5$
 - c) $x = -5$
17. Simplify: $3(x - 4) + 2x$
- a) $5x - 4$
 - b) $5x - 12$
 - c) $5x + 12$
18. What is the slope of the line represented by the equation $y = 3x - 7$?
- a) -7
 - b) 3
 - c) 7
19. Factorize: $x^2 + 7x + 12$
- a) $(x + 3)(x + 4)$
 - b) $(x - 3)(x - 4)$
 - c) $(x + 6)(x + 2)$
20. Solve: If $f(x) = 2x - 1$, find $f(3)$.
- a) 7
 - b) 5
 - c) 3

Geometry

21. The angles of a triangle are in the ratio $2:3:4$. What is the measure of the largest angle?
- a) 40°
 - b) 80°
 - c) 90°
22. Calculate the area of a circle with a radius of 7 cm. Use $\pi = 3.14$.
- a) 154 cm^2
 - b) 44 cm^2
 - c) 22 cm^2

23. A cylinder has a radius of 5 cm and a height of 10 cm. What is its volume? Use $\pi = 3.14$.
- a) 785 cm^3
 - b) 314 cm^3
 - c) 500 cm^3
24. What is the Pythagorean Theorem used for?
- a) Calculating the perimeter of a triangle.
 - b) Finding the relationship between the sides of a right triangle.
 - c) Measuring angles.
25. Solve: The base of a triangle is 12 cm, and its height is 8 cm. What is the area?
- a) 96 cm^2
 - b) 48 cm^2
 - c) 24 cm^2

Data and Statistics

26. A survey shows that 60% of students prefer online classes, while 40% prefer in-person classes. If 200 students were surveyed, how many prefer online classes?
- a) 80
 - b) 120
 - c) 160
27. What is the median of the following data set: 4, 8, 15, 16, 23, 42?
- a) 15
 - b) 16
 - c) 15.5
28. A student scored the following on five tests: 85, 90, 78, 88, and 92. What is the mean score?
- a) 86.6
 - b) 88.6
 - c) 87.6
29. If the probability of rain on a given day is 0.3, what is the probability that it will not rain?
- a) 0.3
 - b) 0.7
 - c) 1

30. A box contains 4 red balls, 3 blue balls, and 5 green balls. What is the probability of randomly selecting a blue ball?
- a) $\frac{1}{3}$
 - b) $\frac{3}{12}$
 - c) $\frac{1}{4}$

