



Placement Test



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 **LIVEWORKSHEETS**

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8th Grade Placement Test

Student Name: _____

Date: _____/_____/_____

Section 1: English Language Arts (10 Questions)

- 1. Read the passage and answer the question:** "John walked into the room and saw the broken vase on the floor. He sighed, knowing he would have to explain it to his mom."
What can you infer about John from the passage?
a) He broke the vase.
b) He is excited about the vase.
c) He feels responsible for the vase.
d) He is planning to leave the room.
- 2. Identify the adjective in the sentence:** "The small dog barked at the noisy cat."
a) Small
b) Dog
c) Barked
d) Cat
- 3. Which of the following sentences uses correct punctuation?**
a) I like pizza; it's my favorite food.
b) I like pizza it's my favorite food.
c) I like pizza: it's my favorite food.
d) I like pizza it's, my favorite food.

4. What is the antonym of "generous"?
 - a) Selfish
 - b) Kind
 - c) Thoughtful
 - d) Helpful

5. Choose the correct way to write the possessive form of this sentence:
"The toys belong to the children."
 - a) The childrens' toys
 - b) The children's toys
 - c) The childrens toys
 - d) The childrens's toys

6. What type of figurative language is used in the sentence: "The stars danced across the night sky"?
 - a) Simile
 - b) Hyperbole
 - c) Personification
 - d) Metaphor

7. Select the sentence that is written correctly:
 - a) "He don't like ice cream."
 - b) "She doesn't have any homework today."
 - c) "They isn't coming to the party."
 - d) "We doesn't need any help."

8. Which part of speech is the word "quickly" in the sentence:
"She quickly ran to the door."?
 - a) Noun
 - b) Verb
 - c) Adjective
 - d) Adverb

9. What is the main idea of the following passage?
"Many people enjoy going to the beach during summer. They love the warm sand, the cool water, and the bright sun. It's a perfect way to relax and have fun." a) Summer is the most relaxing season.
b) People enjoy relaxing at the beach in summer.
c) Beaches are crowded in the summer.
d) Swimming is the best summer activity.
10. What does the idiom "break the ice" mean?
a) To start a conversation in a social setting
b) To damage ice on a road
c) To solve a difficult problem
d) To ruin a party atmosphere

Section 2: Mathematics (10 Questions)

11. Simplify: $5x + 3x - 7$.
a) $8x - 7$
b) $2x - 7$
c) $5x - 7$
d) $8x$
12. Solve for x: $2x + 5 = 15$.
a) $x = 5$
b) $x = 10$
c) $x = -5$
d) $x = 2.5$
13. A triangle has sides of lengths 5 cm, 12 cm, and 13 cm. Is it a right triangle?
a) Yes
b) No

14. Find the area of a rectangle with a length of 8 cm and a width of 3 cm.
- a) 11 cm^2
 - b) 24 cm^2
 - c) 16 cm^2
 - d) 32 cm^2
15. Simplify: $(4 + 2) \times 3 - 6$.
- a) 12
 - b) 6
 - c) 18
 - d) 24
16. A store sells 3 apples for \$2. How much would 9 apples cost?
- a) \$6
 - b) \$3
 - c) \$8
 - d) \$9
17. Convert 50% into a fraction.
- a) $\frac{1}{4}$
 - b) $\frac{1}{2}$
 - c) $\frac{2}{3}$
 - d) $\frac{1}{3}$
18. If a circle has a radius of 7 cm, what is its diameter?
- a) 7 cm
 - b) 14 cm
 - c) 21 cm
 - d) 49 cm

19. What is the next number in the sequence: 2, 4, 8, 16, ___?

- a) 20
- b) 24
- c) 32
- d) 64

20. Solve for y: $3y = 27$.

- a) $y = 6$
- b) $y = 9$
- c) $y = 12$
- d) $y = 3$

Section 3: Science (10 Questions)

21. Which planet is closest to the Sun?

- a) Earth
- b) Venus
- c) Mars
- d) Mercury

22. What is the process by which plants make their own food?

- a) Respiration
- b) Photosynthesis
- c) Digestion
- d) Evaporation

23. Water boils at what temperature in Celsius?

- a) 50°C
- b) 100°C
- c) 0°C
- d) 212°C

24. What is the chemical symbol for water?
- a) CO₂
 - b) H₂O
 - c) O₂
 - d) H₂
25. What is the main function of the roots of a plant?
- a) To produce seeds
 - b) To absorb water and nutrients
 - c) To support leaves
 - d) To perform photosynthesis
26. Which organ in the human body is responsible for pumping blood?
- a) Brain
 - b) Stomach
 - c) Heart
 - d) Lungs
27. What gas do humans exhale?
- a) Oxygen
 - b) Nitrogen
 - c) Carbon dioxide
 - d) Helium
28. What is the name of the galaxy we live in?
- a) Andromeda
 - b) Milky Way
 - c) Black Hole
 - d) Solar System
29. What type of rock is formed by cooling lava?
- a) Sedimentary
 - b) Metamorphic
 - c) Igneous
 - d) Fossil

30. What force keeps objects on Earth grounded?
- a) Friction
 - b) Gravity
 - c) Magnetism
 - d) Air resistance

