

Lesson Plan

Triceratops Trivia

Book: *Triceratops*

Series: Finding Dinosaurs

Level: Navigator

Objective

To help students practice recalling details from a text, including details that are part of special features such as infographics and photo captions, and making inferences to determine the most likely answer in cases when they do not remember the exact details.

Supplies

- *Triceratops* book
- Triceratops Trivia Sheet (attached)
- Blue pens
- Red pens

Before the Activity

Read through the *Triceratops* book, or assign it to students to read on their own. Divide students into teams of five or six. Print a Triceratops Trivia Sheet for each team.

Activity

Split the students into teams, giving each team a Triceratops Trivia Sheet and a blue pen. Students in each group should work together to fill in the blanks on the Triceratops Trivia Sheet by circling the correct answer. Give students 20 minutes to choose their answers. Then collect the blue pen from each group.

Next, give each group a red pen. Then read the answer to each question out loud to the class. Students should use the red pen to mark if their answer was correct or incorrect.

Evaluation

Have students give themselves one point for each correct answer. Students who answered the bonus question correctly get an additional two points. The team with the most points wins.

Standards

This lesson may be used to address the Common Core State Standards' reading informational texts standards, grade 4 (RI 4.1; RI 4.7).

Triceratops Trivia

1. Triceratops was _____ tall.
 - A. 10 feet (3.0 m)
 - B. 30 feet (9.1 m)
 - C. 50 feet (15 m)
2. Triceratops was _____ long.
 - A. 10 feet (3.0 m)
 - B. 30 feet (9.1 m)
 - C. 50 feet (15 m)
3. A Triceratops's skull made up almost _____ of the length of its body.
 - A. one-half
 - B. one-third
 - C. one-eighth
4. The largest Triceratops skull ever found was _____ long.
 - A. 4.6 feet (1.4 m)
 - B. 5.2 feet (1.6 m)
 - C. 9.2 feet (2.8 m)
5. The largest Triceratops skull was _____ high.
 - A. 4.6 feet (1.4 m)
 - B. 5.2 feet (1.6 m)
 - C. 9.2 feet (2.8 m)
6. The largest Triceratops skull was _____ wide.
 - A. 4.6 feet (1.4 m)
 - B. 5.2 feet (1.6 m)
 - C. 9.2 feet (2.8 m)
7. A Triceratops's frill was _____ wide.
 - A. 3 feet (0.9 m)
 - B. 6 feet (1.8 m)
 - C. 9 feet (2.7 m)
8. The horns of an adult Triceratops could be _____ long.
 - A. 3 feet (0.9 m)
 - B. 6 feet (1.8 m)
 - C. 9 feet (2.7 m)

9. The horns of a baby Triceratops were _____ long.
- A. 1 inch (2.5 cm)
 - B. 2 inches (5.1 cm)
 - C. 3 inches (7.6 cm)
10. A full-grown Triceratops could weigh _____.
- A. 1 to 2 tons (0.9 to 1.8 metric tons)
 - B. 2 to 4 tons (1.8 to 3.6 metric tons)
 - C. 4 to 6 tons (3.6 to 5.4 metric tons)
11. A Triceratops's front feet had _____ toes.
- A. three
 - B. four
 - C. five
12. A Triceratops's back feet had _____ toes.
- A. three
 - B. four
 - C. five
13. Triceratops could have as many as _____ replacement teeth under every tooth.
- A. three
 - B. four
 - C. five
14. A Triceratops could have up to _____ teeth in its mouth.
- A. 200
 - B. 400
 - C. 800
15. Each Triceratops tooth had _____ layers of tissue.
- A. two
 - B. four
 - C. five
16. Most reptile teeth have only _____ layers of tissue.
- A. two
 - B. four
 - C. five

17. Even the most complete Triceratops specimen had less than _____ of its skeleton.

- A. 40 percent
- B. 60 percent
- C. 80 percent

18. Chasmosaurines had _____ large horn(s) and _____ small horn(s).

- A. two / one
- B. one / two
- C. two / two

19. Centrosaurines had _____ large horn(s) and _____ small horn(s).

- A. two / one
- B. one / two
- C. two / two

20. The Mesozoic era is divided into _____ periods.

- A. two
- B. three
- C. four

21. The Jurassic period is divided into _____ epochs, or sections.

- A. two
- B. three
- C. four

22. The Cretaceous period is divided into _____ epochs, or sections.

- A. two
- B. three
- C. four

23. In 2015, _____ new species of three-horned dinosaurs were uncovered in Canada.

- A. two
- B. three
- C. four

BONUS QUESTION: The names of these newly discovered dinosaurs were _____ and _____.

- A. Centrosaurus and Styracosaurus
- B. Protoceratops and Tyrannosaurus
- C. Regaliceratops and Wendiceratops

Triceratops Trivia ANSWER KEY

1. Triceratops was _____ tall.
A. 10 feet (3.0 m)
B. 30 feet (9.1 m)
C. 50 feet (15 m)
2. Triceratops was _____ long.
A. 10 feet (3.0 m)
B. 30 feet (9.1 m)
C. 50 feet (15 m)
3. A Triceratops's skull made up almost _____ of the length of its body.
A. one-half
B. one-third
C. one-eighth
4. The largest Triceratops skull ever found was _____ long.
A. 4.6 feet (1.4 m)
B. 5.2 feet (1.6 m)
C. 9.2 feet (2.8 m)
5. The largest Triceratops skull was _____ high.
A. 4.6 feet (1.4 m)
B. 5.2 feet (1.6 m)
C. 9.2 feet (2.8 m)
6. The largest Triceratops skull was _____ wide.
A. 4.6 feet (1.4 m)
B. 5.2 feet (1.6 m)
C. 9.2 feet (2.8 m)
7. A Triceratops's frill was _____ wide.
A. 3 feet (0.9 m)
B. 6 feet (1.8 m)
C. 9 feet (2.7 m)
8. The horns of an adult Triceratops could be _____ long.
A. 3 feet (0.9 m)
B. 6 feet (1.8 m)
C. 9 feet (2.7 m)

9. The horns of a baby Triceratops were _____ long.
A. 1 inch (2.5 cm)
B. 2 inches (5.1 cm)
C. 3 inches (7.6 cm)
10. A full-grown Triceratops could weigh _____.
A. 1 to 2 tons (0.9 to 1.8 metric tons)
B. 2 to 4 tons (1.8 to 3.6 metric tons)
C. 4 to 6 tons (3.6 to 5.4 metric tons)
11. A Triceratops's front feet had _____ toes.
A. three
B. four
C. five
12. A Triceratops's back feet had _____ toes.
A. three
B. four
C. five
13. Triceratops could have as many as _____ replacement teeth under every tooth.
A. three
B. four
C. five
14. A Triceratops could have up to _____ teeth in its mouth.
A. 200
B. 400
C. 800
15. Each Triceratops tooth had _____ layers of tissue.
A. two
B. four
C. five
16. Most reptile teeth have only _____ layers of tissue.
A. two
B. four
C. five

17. Even the most complete Triceratops specimen had less than _____ of its skeleton.

- A. 40 percent
- B. 60 percent
- C. 80 percent**

18. Chasmosaurines had _____ large horn(s) and _____ small horn(s).

- A. two / one**
- B. one / two
- C. two / two

19. Centrosaurines had _____ large horn(s) and _____ small horn(s).

- A. two / one
- B. one / two**
- C. two / two

20. The Mesozoic era is divided into _____ periods.

- A. two
- B. three**
- C. four

21. The Jurassic period is divided into _____ epochs, or sections.

- A. two
- B. three**
- C. four

22. The Cretaceous period is divided into _____ epochs, or sections.

- A. two**
- B. three
- C. four

23. In 2015, _____ new species of three-horned dinosaurs were uncovered in Canada.

- A. two**
- B. three
- C. four

BONUS QUESTION: The names of these newly discovered dinosaurs were _____ and _____.

- A. Centrosaurus and Styracosaurus
- B. Protoceratops and Tyrannosaurus
- C. Regaliceratops and Wendiceratops**