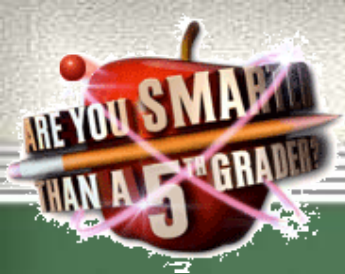
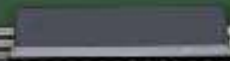




ARE YOU SMARTER
THAN A 5TH GRADER?



Are You Smarter Than a 5th Grader? Earth Patterns Edition



Are You Smarter Than a 5th Grader?

1,000,000

500,000

300,000

175,000

100,000

50,000

25,000

10,000

5,000

2,000

1,000

5th Grade Rotation

5th Grade Revolution

4th Grade Length

4th Grade Earth

3rd Grade Orbit

3rd Grade Seasons

2nd Grade Day and Night

2nd Grade Time

1st Grade Change

1st Grade Conclusions



5th Grade Rotation Question

/ What is a synonym for rotation?



5th Grade Rotation Answer

/ spin



Return



5th Grade Revolution Question

/ Describe the moon-sun-earth relationship.

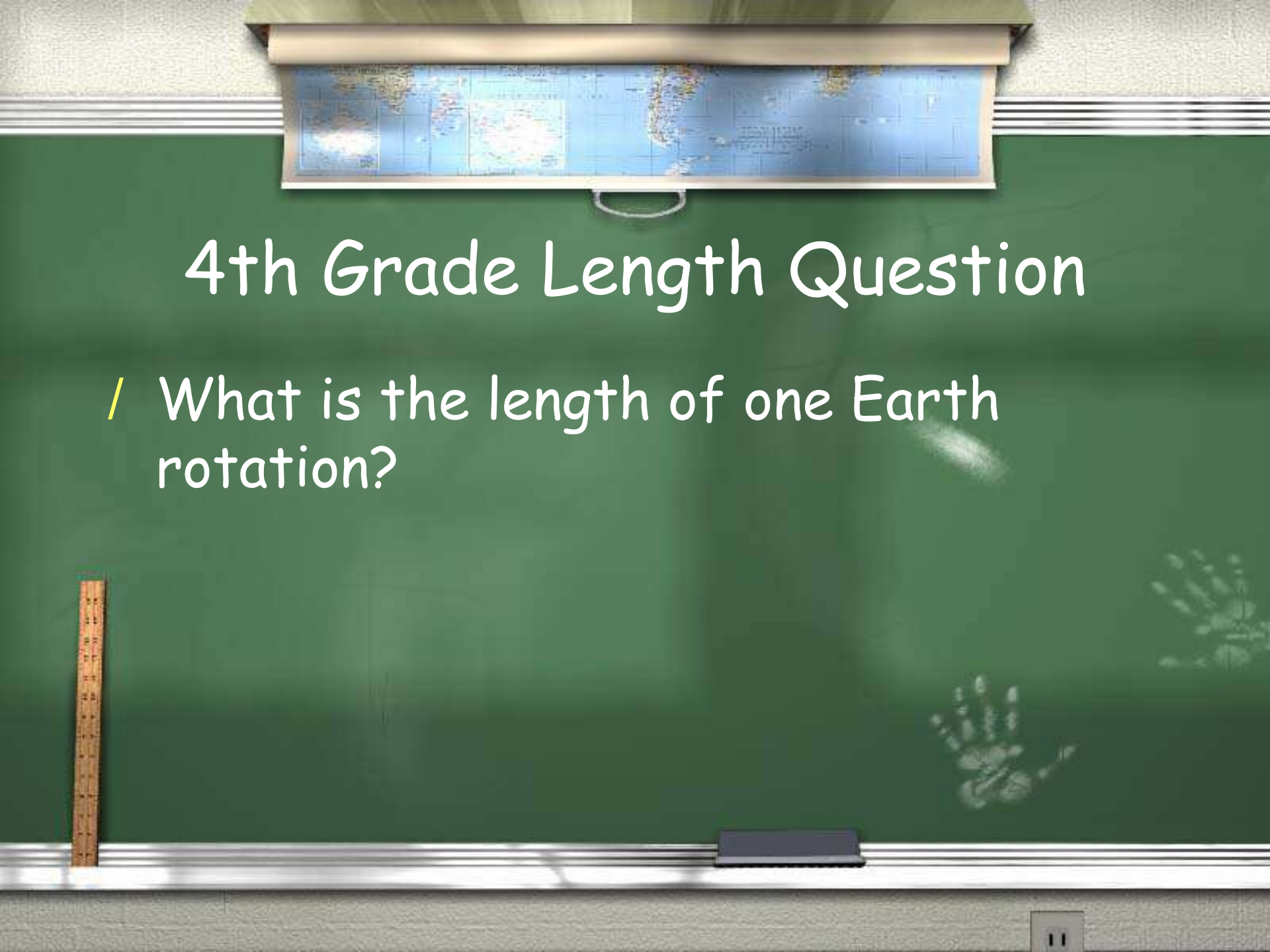




5th Grade Revolution Answer

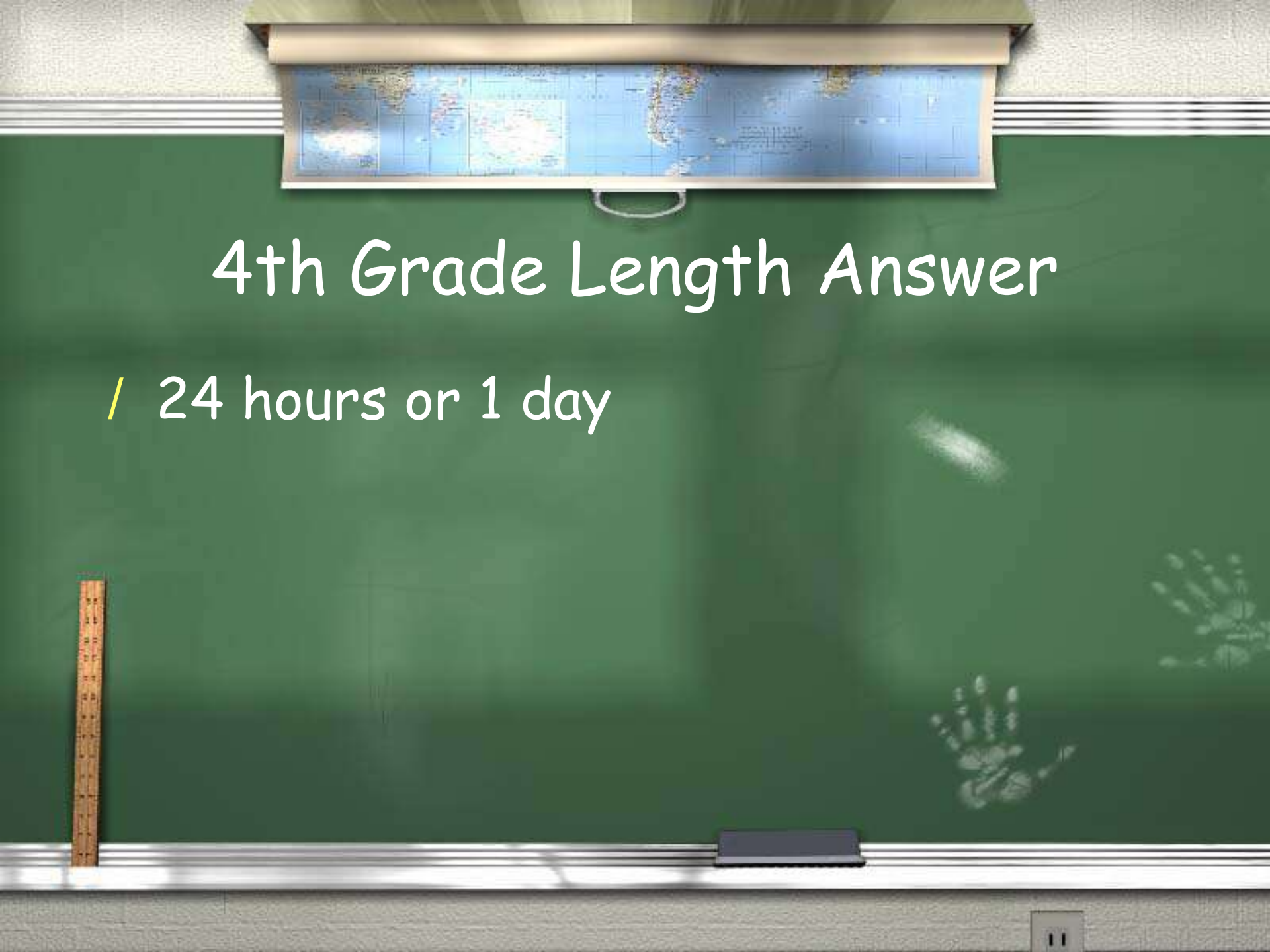
- / Earth revolves around the sun, and the moon revolves around the Earth.

Return



4th Grade Length Question

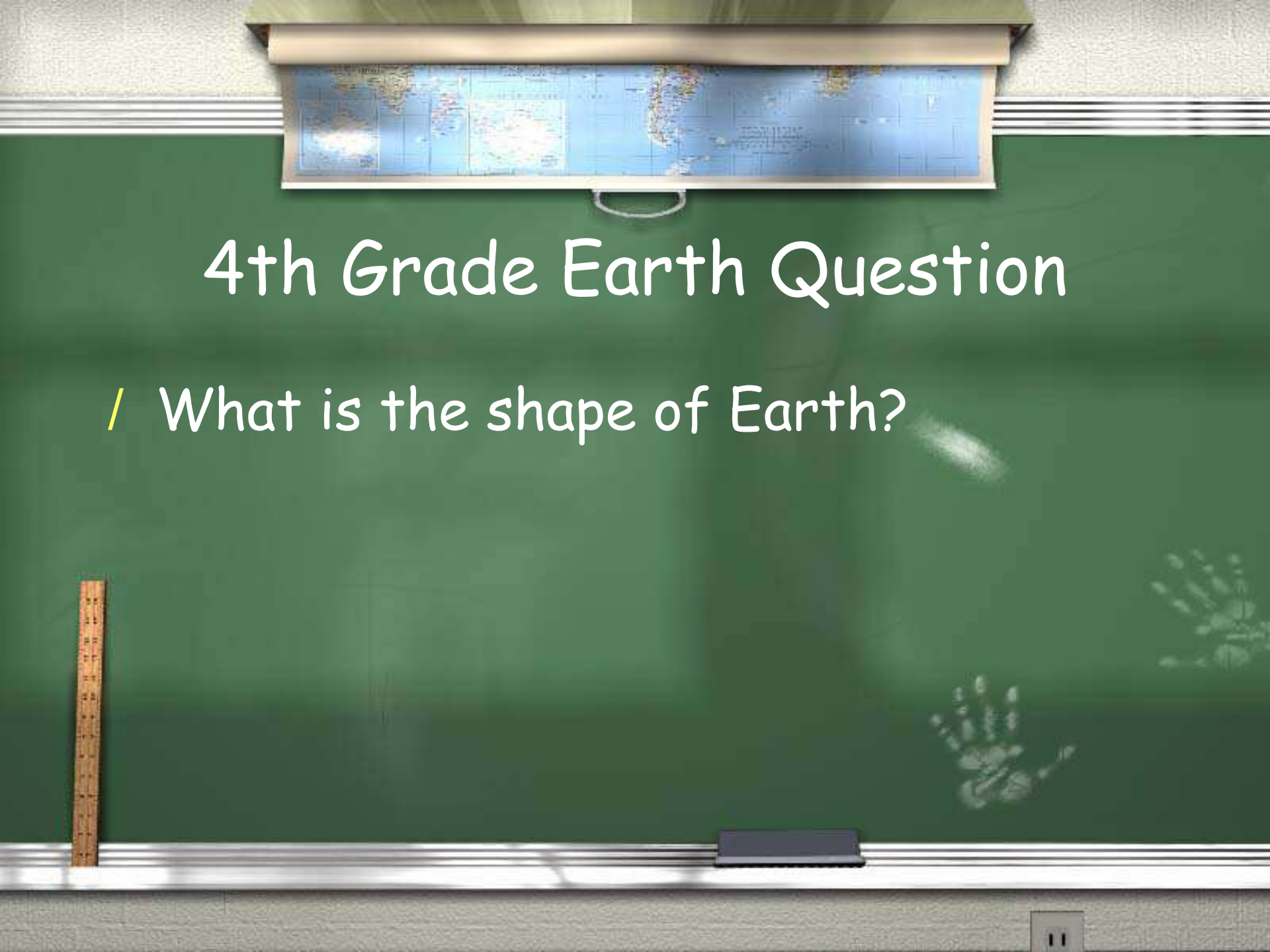
/ What is the length of one Earth rotation?



4th Grade Length Answer

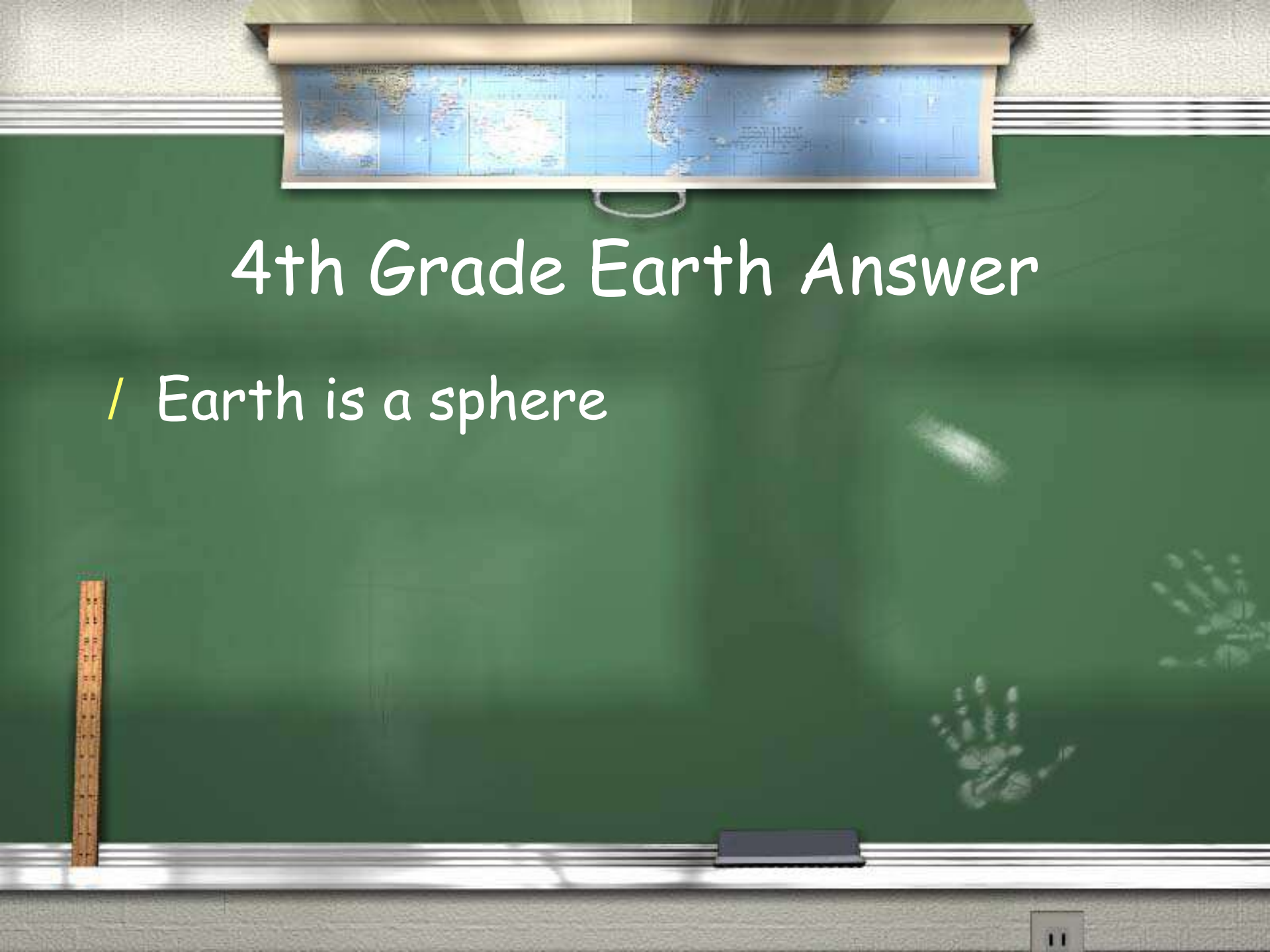
/ 24 hours or 1 day

Return



4th Grade Earth Question

/ What is the shape of Earth?



4th Grade Earth Answer

/ Earth is a sphere

Return



3rd Grade Orbit Question

/ What is a synonym for orbit?



3rd Grade Orbit Answer

/ revolve

Return



3rd Grade Seasons Question


/ What causes the seasons?



3rd Grade Seasons Answer

- / The $23 \frac{1}{2}$ degree tilt of Earth's axis and Earth's Revolution around the sun


Return



2nd Grade Day and Night Question

/ What causes day and night?





2nd Grade Day and Night Answer

/ Earth's rotation on its axis



Return



2nd Grade Time Question

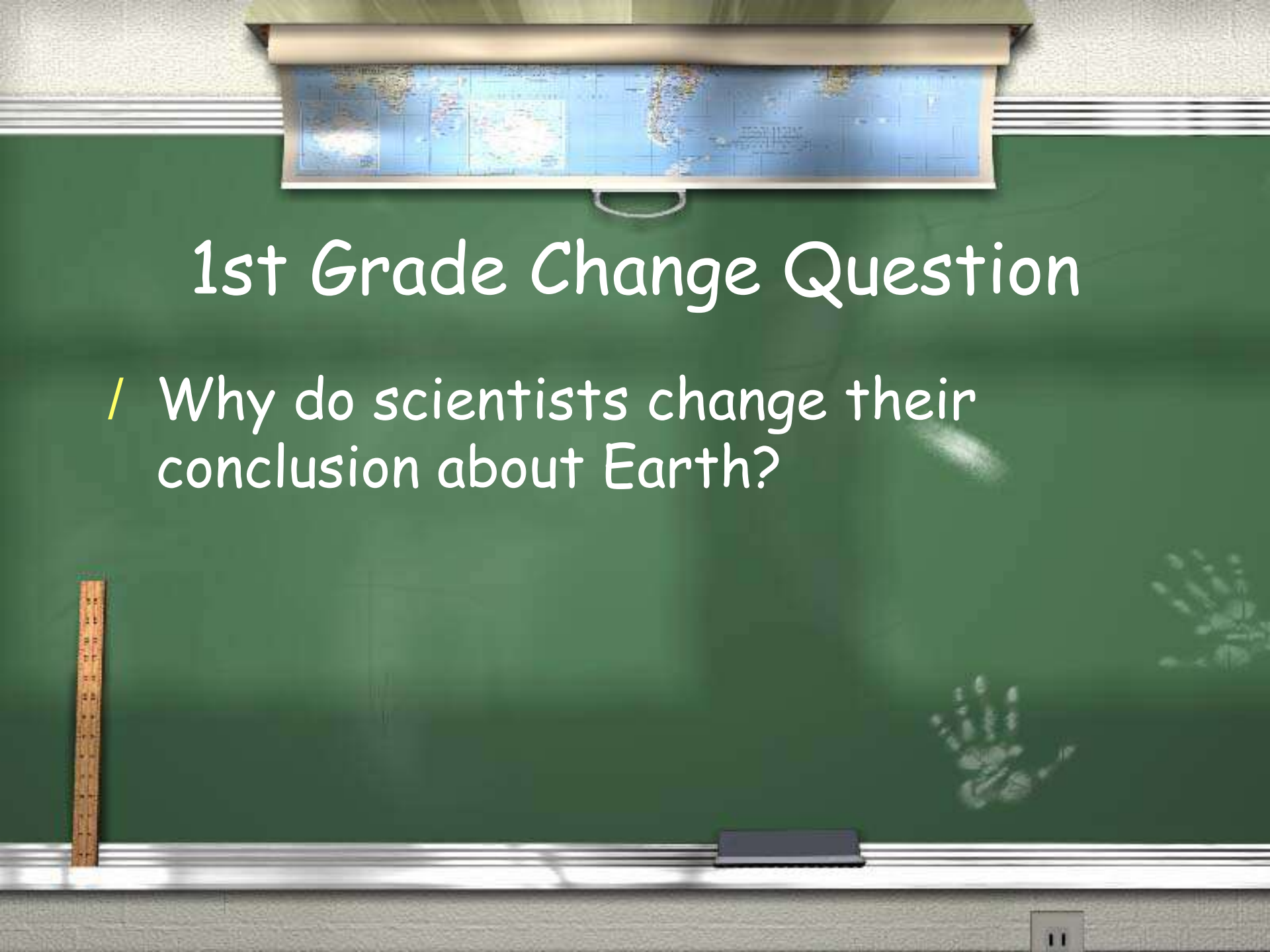
/ How long does it take for Earth to revolve once?



2nd Grade Time Answer


/ 1 year or $365 \frac{1}{4}$ days

Return




1st Grade Change Question

- / Why do scientists change their conclusion about Earth?



1st Grade Change Answer

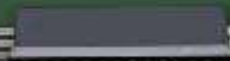
- / Scientists learn new information that proves that earlier theories were incorrect.
- 
- 
- 

Return



1st Grade Conclusions Question

- / What are two ideas about Earth or space that have changed over the years?





1st Grade Conclusions Answer

- / Pluto is not a planet
- / The sun is at the center of the solar system

Return



Million Dollar Question Topic

Contrast



1,000,000 Question

/ Contrast revolution and rotation.



1,000,000 Answer

- / Revolution means to go around the sun (orbit)
 - / Rotation means to spin on an axis
- 
- 
- 



Thanks for Playing