

A Million Whys Book 5: Science Quiz

The Time Expedition, by Crafty Clover.

Name: _____ Date: _____ Score: _____ / 12

Fill in the missing number. Use the number bank.

Number bank: 1 3 4 4.5 12 23 24 165 365 1815 10,000 12,000

1. Each arm was about _____ meter long, and scientists think they could grip tightly.
From: Tiny Arms, Huge Bite! Why Did T. Rex Have Tiny Arms?
2. Dinosaurs lived for about _____ million years. That is enough time for small changes in bodies to add up.
From: So Many Dinos! Why Did So Many Kinds Exist?
3. In _____, the Tambora volcano in Indonesia threw up so much ash that the next summer was very cold around the world.
From: Friend and Foe! Why Is Volcanic Ash Dangerous and Useful?
4. Scientists think Niagara Falls began about _____ years ago, at the end of the last ice age.
From: Backward Bound! Why Do Waterfalls Move Backward?
5. Scientists think some of the oldest stone tools are about _____ million years old, from East Africa.
From: Stone Age Toolkit! Why Did Early People Make Stone Tools?
6. Scientists have found villages that are more than _____ years old.
From: Home Sweet Home! Why Did People Start Staying in One Place?
7. If you just say a leaf is big, a friend might picture something different. But if you say it's _____ centimeters, everyone knows.
From: Measure Up! Why Measure Instead of Just Looking?
8. Earth takes about _____ days to go all the way around.
From: Happy New Year! Why Do We Count Years?
9. Earth's spinning axis leans about _____ degrees, and it always leans the same way.
From: Hot, Cold, Repeat! Why Do Seasons Change?
10. Earth has _____ main time zones, one for each hour of the spin.
From: Time Travelers? Why Are There Time Zones?
11. Let one long line stand for all of Earth's story, about _____ billion years.
From: A Tiny Slice! Why Is Your Life a Small Part of Earth Time?
12. The rule is a bit more careful than just every _____ years.
From: Bonus Day! Why Do Some Years Get an Extra Day?

Watch a short video answer for every question at xdme.com

Answer key

1. **1** (Each arm was about 1 meter long, and scientists think they could grip tightly. Book 5, Question 2)
2. **165** (Dinosaurs lived for about 165 million years. That is enough time for small changes in bodies to add up. Book 5, Question 22)
3. **1815** (In 1815, the Tambora volcano in Indonesia threw up so much ash that the next summer was very cold around the world. Book 5, Question 57)
4. **12,000** (Scientists think Niagara Falls began about 12,000 years ago, at the end of the last ice age. Book 5, Question 65)
5. **3** (Scientists think some of the oldest stone tools are about 3 million years old, from East Africa. Book 5, Question 76)
6. **10,000** (Scientists have found villages that are more than 10,000 years old. Book 5, Question 84)
7. **12** (If you just say a leaf is big, a friend might picture something different. But if you say it's 12 centimeters, everyone knows. Book 5, Question 110)
8. **365** (Earth takes about 365 days to go all the way around. Book 5, Question 126)
9. **23** (Earth's spinning axis leans about 23 degrees, and it always leans the same way. Book 5, Question 128)
10. **24** (Earth has 24 main time zones, one for each hour of the spin. Book 5, Question 131)
11. **4.5** (Let one long line stand for all of Earth's story, about 4.5 billion years. Book 5, Question 142)
12. **4** (The rule is a bit more careful than just every 4 years. Book 5, Question 146)