True or Made Up? Fact-Check Sheet

Ages 9–12

Tick one box for each line. Then name one place you could check it.

Statement	True	Made up	Where could you check?
An octopus has three hearts.	☐	☐	
Lightning never strikes the same place twice.	☐	☐	
Bats are blind.	☐	☐	
On Venus, one day is longer than one year.	☐	☐	
You can see the Great Wall of China from the Moon.	☐	☐	
A goldfish forgets everything after three seconds.	☐	☐	

True or Made Up? Fact-Check Sheet: answers Ages 9–12

For grown-ups: the answers, and the page we checked each one against.

1. **An octopus has three hearts.**
   TRUE. Two hearts pump blood to the gills to pick up oxygen. A third heart sends that blood around the rest of the body.
   Source: NOAA Ocean Service: Undersea creatures for Valentine's Day

2. **Lightning never strikes the same place twice.**
   MADE UP. Lightning often hits the same spot again, especially tall, pointy things. The Empire State Building gets hit about 23 times a year.
   Source: National Weather Service: Lightning myths

3. **Bats are blind.**
   MADE UP. Bats can see! Their eyes are small, but they work even when it's almost dark.
   Source: U.S. Geological Survey: Are bats blind?

4. **On Venus, one day is longer than one year.**
   TRUE. Venus spins very slowly. One spin takes about 243 Earth days. One trip around the Sun takes 225.
   Source: NASA Space Place: All about Venus

5. **You can see the Great Wall of China from the Moon.**
   MADE UP. From the Moon, you can't see it at all. Even from much closer in space, it's very hard to spot.
   Source: NASA: China's Wall Less Great in View from Space

6. **A baby has more bones than a grown-up.**
   TRUE. Babies have about 275 to 300 bones. Many of them join together as kids grow. Most grown-ups have 206.
   Source: Cleveland Clinic: How many bones does a baby have?