

TIMSS 2023 – Restricted Use Items

Biology

Benchmark 2

Content Domain: Biology

Cognitive Domain: Reasoning

The bones of birds are hollow.

What advantage do hollow bones give to birds?

Hollow bones make it easier for birds to fly

Benchmark 2

Content Domain: Biology

Cognitive Domain: Knowing

Francisco is a farmer who raises rabbits. He breeds a female rabbit and a male rabbit. A litter of 10 young rabbits is produced.

Which of the following best describes the characteristics of the young rabbits?

- A About half of the young rabbits will look like the female rabbit, and about half of them will look like the male rabbit.
- B All of the young rabbits will look just like the female rabbit because young rabbits inherit their traits from their mother.
- C All of the young rabbits will look just like the male rabbit because male traits are dominant.
- D All of the young rabbits will look like the female rabbit in some ways and like the male rabbit in some ways.