

Grade 5 Reading Comprehension Standard Worksheet Set 041

Grade 5 · Reading Comprehension · Standard

Name: _____ Date: _____

Read the passage carefully. Then answer all 8 questions using details from the text.

Choosing a Safer Helmet Liner

During late autumn, Ines joined a study at the sports design lab to compare materials for a helmet liner.

The team marked 15 samples with dates and locations so later comparisons would use the same evidence.

Researchers collected observations with drop tests and force sensors and wrote the measurement conditions beside every result.

Before drawing a conclusion, the group checked unusual values and repeated one observation with a second reader.

The combined evidence showed that layered foam reduced peak force more than solid rubber.

Because one comparison alone could not explain every difference, the team recorded a limitation in its report.

After discussing that limitation, Ines recommended that the group repeat after exposing samples to heat.

The final report linked each claim to its source data so another team could evaluate the reasoning.

Questions

Return to the passage and write a short, text-based answer for each item.

1. In "Choosing a Safer Helmet Liner", where did Ines join the study?

2. In "Choosing a Safer Helmet Liner", what was the study designed to do?

3. In "Choosing a Safer Helmet Liner", how many samples did the team mark?

4. In "Choosing a Safer Helmet Liner", which tools or records supported the observations?

5. In "Choosing a Safer Helmet Liner", how did the group check an unusual value?

6. In "Choosing a Safer Helmet Liner", what did the combined evidence show?

7. In "Choosing a Safer Helmet Liner", what action did Ines recommend?

8. In "Choosing a Safer Helmet Liner", why did the report link each claim to source data?

Answer Key

Each answer below is supported by a sentence in the passage.

1. sports design lab	2. compare materials for a helmet liner
3. 15	4. drop tests and force sensors
5. repeated one observation with a second reader	6. layered foam reduced peak force more than solid rubber
7. repeat after exposing samples to heat	8. so another team could evaluate the reasoning