SAMPLE ROUND
GRADES 3/4

1. **(Math): Find the perimeter of an equilateral triangle if one side measures 8 inches.**

> **ANSWER: 24 inches**

BONUS #1: What type of triangle has no sides equal?

> **ANSWER: scalene**

BONUS #2: Spell the name of the triangle which has at least two equal sides.

> **ANSWER: i-s-o-s-c-e-l-e-s**

2. **Which fictional genre may include talking animals and magic or imaginary creatures?**

> **ANSWER: fantasy**

BONUS #1: The fantasy *Charlotte's Web* by E. B. White tells the story of a pig named Wilbur who is saved by a spider named Charlotte. What is the first message she writes in her web about Wilbur?

> **ANSWER: "Some Pig"**

BONUS #2: In *Charlotte's Web* what was the name of the farmer who lived next door to Mr. and Mrs. Arable?

> **ANSWER: Mr. Zuckerman**

3. **What is the freezing point of water on the Fahrenheit temperature scale?**

> **ANSWER: 32 degrees**

BONUS #1: In degrees Fahrenheit, what is the normal body temperature for humans?

> **ANSWER: 98.6 degrees**

BONUS #2: Find the sum of the freezing point and the boiling point on the Fahrenheit scale.

> **ANSWER: 244 degrees**

4. **Analogies show how things are alike or different. See if you can complete these analogies. Sky is to blue as grass is to _____.**

> **ANSWER: green**

> **BONUS #1: Dark is to light as up is to _____.**

>> **ANSWER: down**

> **BONUS #2: Bull is to horns as deer is to _____.**

>> **ANSWER: antlers**

5. **What is blue and covers nearly 75% of the Earth's surface? About 3% of it is fresh and only 1% is suitable for drinking.**

> **ANSWER: water**

> **BONUS #1: Name the three primary colors.**

>> **ANSWER: red, yellow and blue**

> **BONUS #2: When you mix yellow and blue, you get green. What do you call colors that are created by mixing two primary colors?**

>> **ANSWER: secondary colors**

6. **Identify the name of the instrument that measures how much precipitation has fallen during a shower or thunderstorm.**

> **ANSWER: rain gauge**

> **BONUS #1: Which ten-letter noun refers to the instrument that measures wind speed?**

>> **ANSWER: anemometer**

> **BONUS #2: What force does a barometer measure?**

>> **ANSWER: air pressure**