

# 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**

















