NUMBER REPRESENTATIONS: THE GRAND CANYON
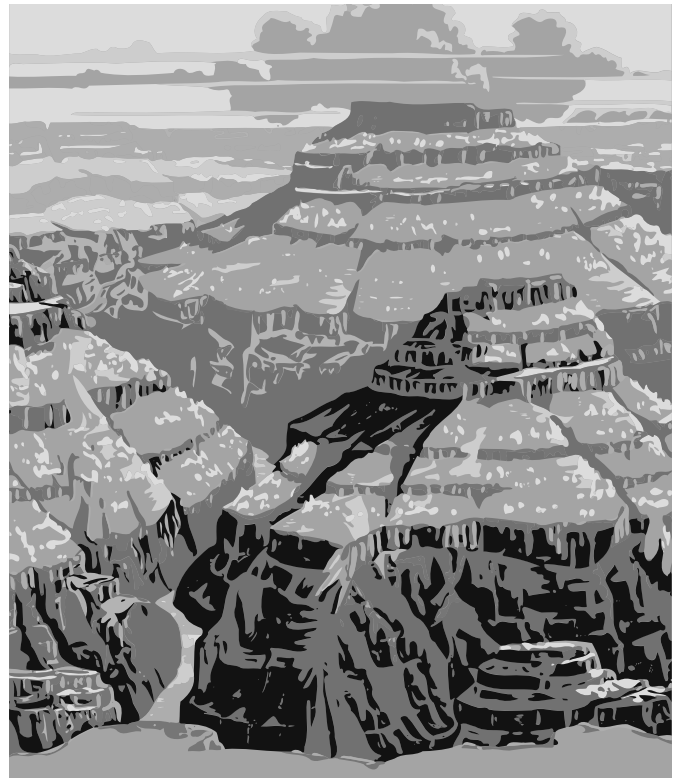
INSTRUCTIONS

Read about the Grand Canyon and answer the questions below.

The Grand Canyon is deep! If you took seven thousand steps, you'll probably have walked 7,000 feet.

Thousand is what we call a unit, and the unit is important because seven thousand does not equal seven hundred — that would be 700 in roman

1. Toby learned that part of the Grand Canyon is 7,406 feet deep. Which of the following is the same as 7,406?

    a. 7 + 4 + 6

    b. 7,000 + 46

    c. 7,000 + 400 + 60

    d. 7,000 + 400 + 6

How deep was the part of Grand Canyon Toby learned about? Let's write that in words.

7,406 in words is seven thousand four hundred and six.

The units are thousands, hundreds, and ones.

We skip over tens when it is zero, and replace it with "and." But sometimes people will understand what we mean even if we don't say "and." If it sounds weird without "and," just say "and."

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2. What number is the same as 3,000 + 400 + 70 + 3?

   a. 347

   b. 472

   c. 3,473

   d. 3,743

3. The Colorado River is 1,450 miles long. Which of the following is the same as 1,450?

   a. 1 + 4 + 50

   b. 100 + 40 + 5

   c. 1,000 + 400 + 50

   d. 1,000 + 40 + 50

Rory and Samantha went on a trip to the Grand Canyon. Lucky them!

4. Rory read that the canyon is about 277 miles long. What is the same as 277?

5. Samantha counted how many birds she saw at the park.

   She counted 400 birds, then another 70 birds, and then another 5 birds.

   She wrote down how many birds she saw.

   400 + 70 + 5

   What is the same as 400 + 70 + 5?