



Name: \_\_\_\_\_

# Katherine Johnson

Katherine Johnson (August 26, 1918) is an African-American physicist and mathematician. A bright child with a gift for numbers, she completed eighth grade by the age of 10, she graduated from high school at 14, and entered West Virginia State College and graduated from college at age eighteen with a degrees in mathematics and French. She was one of three black students to integrate West Virginia University's graduate school.

In 1953, she began working for NASA's predecessor, the National Advisory Committee for Aeronautics (NACA) as a human computer that checked calculations and turned numbers into meaningful data. After 1958 she where she calculated trajectores for NASA. The work she did was critical to the success of the Mercury Project, Apollo Missions, and the start of the Space Shuttle program. NASA would not be what it is today if not for Mrs. Johnson.

What is the next number: 9, 10, 11, 12, 13, \_\_\_\_\_

1. Katherine Johnson was born in White Sulphur Springs, \_\_\_\_\_

- a. 16 Wisconsin
- b. 14 West Virginia
- c. 15 Wyoming

8 - 5 = \_\_\_

2. Johnson graduated with degrees in math and \_\_\_\_\_

- a. 13cm biology
- b. 4 Spanish
- c. 3 French

Which number comes before 18

3. Johnson got a job at NASA's predecessor the NACA in \_\_\_\_\_

- a. 19 1968
- b. 17 1953
- c. 15 1972

14 - 0 = \_\_\_\_\_

4. At what age did Katherine Johnson graduated from high school at age \_\_\_\_\_

- a. 14
- b. 18
- c. 20

Which number is the biggest?

5. Johnson calculated the trajectory for \_\_\_\_\_, the first American in space.

- a. 83 Alan Shepard
- b. 52 Neil Armstrong
- c. 32 Scott Carpenter

How many 2s make 10?

6. After NASA began using electronic computers, \_\_\_\_\_ requested that Johnson personally recheck the calculations before his flight aboard. He became the first American to orbit the Earth.

- a. 6 Gus Grissom
- b. 5 John Glenn
- c. 0 Gordon Cooper

How many minutes in an hour?

7. While in school, Johnson's favorite subject was \_\_\_\_\_

- a. 30 English
- b. 60 Math

What is the next number in the sequence? 18, 16, 14, \_\_

8. When Johnson started to work at NASA, she worked with a group of \_\_\_\_\_ performing math calculations. They were known as \_\_\_\_\_

- a. 16 professors, human computers
- b. 15 performers, human calculators
- c. 12 trailblazers, human computers

Katherine Johnson answers: Grade I

1. b 2. c 3. b 4. a

5. a 6. b 7. b 8. c