Pi Day Crossword Puzzle

The crossword grid contains the following answers:

- 1 Down: VOLUME
- 2 Down: GEOMETRY
- 3 Down: IRRATIONAL
- 4 Down: SPHERE
- 5 Down: PI
- 6 Across: ARCHIMEDES
- 7 Down: DIAMETER
- 8 Across: PERIMETER
- 9 Down: RATIO
- 10 Across: MARCH
- 11 Down: CYLINDER
- 12 Across: CIRCLE
- 13 Across: RADIUS
- 14 Across: CIRCUMFERENCE

Across

6. did the first calculation of pi

8. total length around the outside of a closed figure

10. month Pi Day is celebrated

12. closed, round shape

13. distance from the center of the circle to it's circumference

14. distance around the outside of a circle

Down

1. amount of space occupied by a 3D figure

2. branch of math that deals with lines, points, angles, etc...

3. decimal number that can't be written as a simple fraction

4. curved surface that looks like a ball

5. ratio of the circumference of a circle to its diameter

7. line that passes through the center of a circle

9. comparison of two numbers

11. 3D figure that has two circular faces that are parallel