

Happy π Day!

π Day Activities

1) *Find and write the following definitions and/or formulas in your Toolkits:*

- radius
- diameter
- circumference
- area of a circle
- volume of a sphere
- parts of a circle

2) *Complete the “Happy π Day” handout calculating the area of the given circle.*

3) *Find the volume of at least one spherical object.*

- Use string to measure the circumference. Use centimeters and/or millimeters and the formulas and definitions above to help you.

4) *For extra credit...*

- Find and write at least one decimal and at least one fractional approximation of π . State the history and/or origins of the approximations.

- Define *mnemonic*. Create your own mnemonic relating to π .