

Ice Cream Puddle Activity Sheet

NAME _____

1. Squish the spherical modeling clay to form a circular puddle.

- a. What 3-dimensional figure are you forming?
- b. How does squishing the clay compare to ice cream melting?
- c. Measure your squished clay figure and calculate its volume. Compare your answer to the volume of the sphere you started with.



2. Explain how you decided the actual dimensions of the ice cream cone shown in the picture and what units to use.

3. Before the ice cream started melting, how many scoops were there? What does this say about the kinds of formulas we might want to use?

