



# *Volume & Surface Area of* **SPHERES & HEMISPHERES**

## **TASK CARD ACTIVITY**

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# VOLUME & SURFACE AREA TASK CARDS

## {Spheres & Hemispheres}

**Objective:** To practice finding the volume and surface area of spheres and hemispheres. Students will also need to know how to find the volume and surface area of cylinders and cones. These questions were created for a high school level geometry class.

**Directions:**

1) Print, cut, and laminate the 20 task cards. Also, copy enough recording worksheets for each student. These are the ways I have run this activity:

- Place two cards at each station and have students move in small groups from station to station after approximately 3-4 minutes. (This way you only have to copy one set of cards)
- Students work in pairs and are given a card set. They work together to answer each card. You will need to print, cut, and laminate many sets. I typically prefer this because it leads to more one-on-one discussion.

2) They may check their answers by scanning the QR code on the card. A mobile device is required with a QR scanner app. An internet connection is not required to scan the code. It's very simple to set up, feel free to email me if you have any questions! A non-QR code version is also included.

Includes student worksheet, 20 task cards (both with or without QR codes), and answer key.

