GSE Acc. Geometry – Unit 1 Part 2 Review Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Find the volume of the following figures. *Round to the nearest hundredth. Use*** | | | |
| V = \_\_\_\_\_\_ | V = \_\_\_\_\_\_ | | 1. A conical tank has a radius of 18.3 inches and a height of 48.6 inches. Find the volume of the tank.   V = \_\_\_\_\_\_ |
| http://s3.amazonaws.com/chegg.media.images/board/416/416451cc-67c7-460d-89e1-f3f11b5b3f10-original.png  V = \_\_\_\_\_\_ | V = \_\_\_\_\_\_ | | 1. The diameter of a sphere is 20 yd. Find the volume and round to the nearest hundredths.   V = \_\_\_\_\_\_ |
| V = \_\_\_\_\_\_ | 1. A sphere is inscribed in a cube. The cube has a volume of 64 cubic meters. What is the surface area of the sphere?   SA = \_\_\_\_\_\_ | | 1. Find the missing width of the base.   Volume = 700  Length = 30 *ft*  Height = 7 *ft*    W = \_\_\_\_\_\_ |
| 1. Solve for x. | | **10.**Solve for x. Round to the nearest hundredths. | |
| 1. Determine whether a tangent line is shown. **Explain by showing work.** | | 1. Find the perimeter of the polygon. | |
| 1. Solve for x. | | 1. Solve for x. | |
| 1. Solve for x and round to the nearest tenth. | | 1. Solve for x and round to the nearest tenth. | |
| 1. Solve for x. | | 1. Find HG | |