# Math Practice - Grade 8

**M11 Volume of cylinders, cones, spheres - Volume of a cylinder, cone, or sphere**

M11 8.G.C.9

Name: _____ Date: _____

Find the volume of the solid. Write the answer in the box.

**Example: Find the volume of the sphere. Use pi = 3.14.**

How: A cylinder is pi times r squared times h. A cone is one third of that. A sphere is four thirds times pi times r cubed. Use the radius, not the diameter.

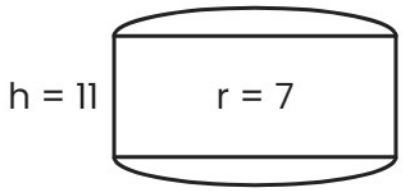



Use pi = 3.14

Volume 904.32

---

**1** **Find the volume of the cylinder. Use pi = 22/7.**

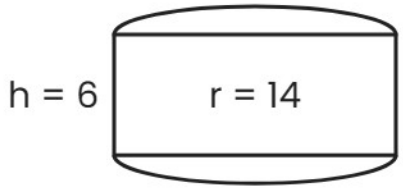



Use pi = 22/7

Volume ☐

---

**2** **Find the volume of the cylinder. Use pi = 22/7.**

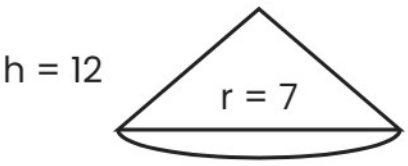



Use pi = 22/7

Volume ☐

---

**3** **Find the volume of the cone. Use pi = 22/7.**




Use pi = 22/7

Volume ☐

# Math Practice - Grade 8

**M11 Volume of cylinders, cones, spheres - Volume of a cylinder, cone, or sphere**

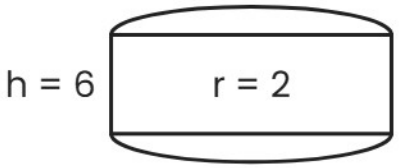
M11 8.G.C.9

Name: _____ Date: _____

Find the volume of the solid. Write the answer in the box.

**Example: Find the volume of the cylinder. Use pi = 3.14.**

How: A cylinder is pi times r squared times h. A cone is one third of that. A sphere is four thirds times pi times r cubed. Use the radius, not the diameter.

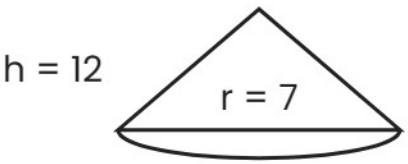



Use pi = 3.14

Volume 75.36

---

**1** **Find the volume of the cone. Use pi = 22/7.**

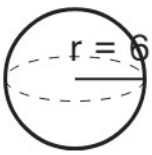



Use pi = 22/7

Volume ☐

---

**2** **Find the volume of the sphere. Use pi = 3.14.**

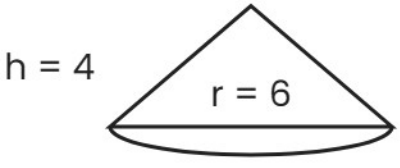



Use pi = 3.14

Volume ☐

---

**3** **Find the volume of the cone. Use pi = 3.14.**




Use pi = 3.14

Volume ☐

# Math Practice - Grade 8

**M11 Volume of cylinders, cones, spheres - Volume of a cylinder, cone, or sphere**

M11 8.G.C.9

Name: _____ Date: _____

Find the volume of the solid. Write the answer in the box.

**Example: Find the volume of the sphere. Use pi = 3.14.**

How: A cylinder is pi times r squared times h. A cone is one third of that. A sphere is four thirds times pi times r cubed. Use the radius, not the diameter.

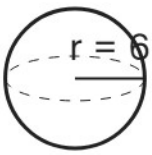



Use pi = 3.14

Volume 113.04

---

**1** **Find the volume of the sphere. Use pi = 3.14.**

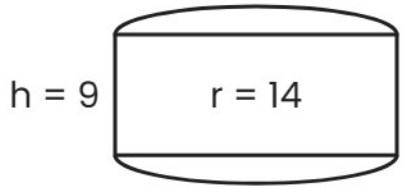



Use pi = 3.14

Volume ☐

---

**2** **Find the volume of the cylinder. Use pi = 22/7.**

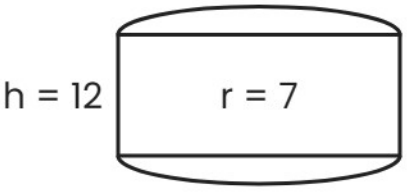



Use pi = 22/7

Volume ☐

---

**3** **Find the volume of the cylinder. Use pi = 22/7.**




Use pi = 22/7

Volume ☐