

Q4 (Volume) Day 35 Name: _____

1. The **volume** of a **cube** is **twice** the **volume** of a **pyramid**. If the **cube** has sides of **length 2 cm**, what is the **volume** of the **pyramid**? Write your answer in the space below.

_____ cm³

2. The **volume** of a **cube** is **five times** the **volume** of a **pyramid**. If the **cube** has sides of **length 5 cm**, what is the **volume** of the **pyramid**? Write your answer in the space below.

_____ cm³

3. The **volume** of a **cube** is **three times** the **volume** of a **pyramid**. If the **cube** has sides of **length 3 cm**, what is the **volume** of the **pyramid**? Write your answer in the space below.

_____ cm³

4. The **volume** of a **cube** is **eight times** the **volume** of a **pyramid**. If the **cube** has sides of **length 4 cm**, what is the **volume** of the **pyramid**? Write your answer in the space below.

_____ cm³

5. The volume of a cube is eight times the volume of a pyramid. If the cube has sides of length 6 cm, what is the volume of the pyramid? Write your answer in the space below.

_____ cm³

6. The volume of a cube is three times the volume of a pyramid. If the cube has sides of length 9 cm, what is the volume of the pyramid? Write your answer in the space below.

_____ cm³

7. The volume of a cube is four times the volume of a pyramid. If the cube has sides of length 8 cm, what is the volume of the pyramid? Write your answer in the space below.

_____ cm³

8. The volume of a cube is seven times the volume of a pyramid. If the cube has sides of length 7 cm, what is the volume of the pyramid? Write your answer in the space below.

_____ cm³

9. The **volume** of a **cube** is **eleven times** the **volume** of a **pyramid**. If the **cube** has sides of **length 11 cm**, what is the **volume** of the **pyramid**? Write your answer in the space below.

_____ cm³

10. The **volume** of a **cube** is **five times** the **volume** of a **pyramid**. If the **cube** has sides of **length 15 cm**, what is the **volume** of the **pyramid**? Write your answer in the space below.

_____ cm³

11. The **volume** of a **cube** is **eight times** the **volume** of a **pyramid**. If the **cube** has sides of **length 14 cm**, what is the **volume** of the **pyramid**? Write your answer in the space below.

_____ cm³

12. The **volume** of a **cube** is **twenty-four times** the **volume** of a **pyramid**. If the **cube** has sides of **length 12 cm**, what is the **volume** of the **pyramid**? Write your answer in the space below.

_____ cm³

Answers**1. 4****2. 25****3. 9****4. 8****5. 27****6. 243****7. 128****8. 49****9. 121****10. 675****11. 343****12. 72**